

# Package: diffviewer (via r-universe)

January 8, 2025

**Title** HTML Widget to Show File Differences

**Version** 0.1.2.9000

**Description** A HTML widget that shows differences between files (text, images, and data frames).

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**URL** <https://diffviewer.r-lib.org>, <https://github.com/r-lib/diffviewer>

**BugReports** <https://github.com/r-lib/diffviewer/issues>

**Depends** R (>= 3.6.0)

**Imports** htmlwidgets, jsonlite

**Suggests** covr, shiny

**Config/Needs/website** tidyverse/tidytemplate

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.1

**Config/pak/sysreqs** make

**Repository** <https://r-lib.r-universe.dev>

**RemoteUrl** <https://github.com/r-lib/diffviewer>

**RemoteRef** HEAD

**RemoteSha** 3c69fb9d7891a25a4d0b792844f863743d1cd36e

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`visual_diff`*HTML widget to visually compare two files*

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## Description

Currently supports:

- image diffs for .svg and .png
- tabular diffs for .csv
- text diffs for everything else

## Usage

```
visual_diff(file_old, file_new, width = NULL, height = NULL)
```

## Arguments

```
file_old, file_new      Paths to files to compare
width, height           Output size
```

## Value

A HTML widget

## See Also

[visual\\_diff\\_output\(\)](#) for use within Shiny apps

## Examples

```
path1 <- tempfile()
path2 <- tempfile()
writeLines(letters, path1)
writeLines(letters[-13], path2)

if (interactive()) {
  visual_diff(path1, path2)
}
```

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visual\_diff\_output     *Shiny bindings for visual\_diff()*

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### Description

Use `visual_diff_output()` in ui and `render_visual_diff(visual_diff(...))` in the server function.

### Usage

```
visual_diff_output(outputId, width = "100%", height = "400px")
```

```
visual_diff_render(expr, env = parent.frame(), quoted = FALSE)
```

### Arguments

outputId	output variable to read from
width, height	Must be a valid CSS unit (like '100%', '400px', 'auto') or a number, which will be coerced to a string and have 'px' appended.
expr	An expression that generates a visual_diff
env	The environment in which to evaluate expr.
quoted	Is expr a quoted expression (with <code>quote()</code> )? This is useful if you want to save an expression in a variable.

### Value

Components for use inside a Shiny app.

### Examples

```
if (require("shiny") && interactive()) {
  ui <- fluidPage(
    visual_diff_output("diff")
  )

  server <- function(input, output, session) {
    path1 <- tempfile()
    path2 <- tempfile()
    writeLines(letters, path1)
    writeLines(letters[-13], path2)

    output$diff <- visual_diff_render(visual_diff(path1, path2))
  }

  shinyApp(ui, server)
}
```

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