

The **gradient-text** package*

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The **gradient-text** package enables writers to conveniently decorate text with linear gradient colors. It's effect can be seen from the title.

`\gradientRGB` $\{\langle text \rangle\} \{\langle first RGB \rangle\} \{\langle last RGB \rangle\}$ This is the syntax of the command for putting gradient color on text. It takes three mandatory arguments.

$\{\langle text \rangle\}$ is the text you desire to have gradient color. Be aware that this command most likely wouldn't output content as expected if this parameter is filled with tokens that cannot expand into pure text. Below are two examples.

A correct usage

```
\newcommand{\hello}{Hello!}
\gradientRGB{\hello}{\{0,255,0\}}{\{255,0,0\}}
```

Hello!

✗ An incorrect usage

```
\newcommand{\hello}{\textit{Hello!}}
\gradientRGB{\hello}{\{0,255,0\}}{\{255,0,0\}}
```

\protect textit

In addition, for any space characters in $\{\langle text \rangle\}$, they will not be take a unique color, although they will still show up in their original position.

Example of space characters

```
\gradientRGB{Hello World}{\{0,255,0\}}{\{255,0,0\}}
```

Hello World

```
\gradientRGB{HelloWorld}{\{0,255,0\}}{\{255,0,0\}}
```


HelloWorld

$\{\langle first RGB \rangle\}$ specifies the RGB value given to the first character of the $\{\langle text \rangle\}$. It should be formatted as a three-item comma list in brackets {}, of which each item is a natural number not exceeding 255.

All of $\{\{13,28,176\}\}$, $\{\{0,59,2\}\}$ and $\{\{255,34,5\}\}$ are correct examples.

$\{\langle last RGB \rangle\}$ is similar to $\{\langle first RGB \rangle\}$ except that it controls the RGB color of the last character in the $\{\langle text \rangle\}$.

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