

Converting Colors

RGB(224, 0, 251)

Have a look what the booklet for
RGB(224, 0, 251) contains.

RGB(224, 0, 251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(224, 0, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E000FB
RGB	224, 0, 251
RGB Percent	88%, 0%, 98%
CMY	0.1216, 1.0000, 0.0157
CMYK	0.11, 1.00, 0.00, 0.02
HSL	294°, 100%, 49%
HSV	294°, 100%, 98%
XYZ	48.1531, 22.8123, 93.1321
YIQ	95.5900, 52.9330, 125.5490

Conversions

Conversions Part 2

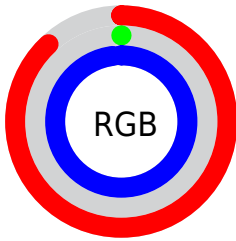
Format	Color
R_{YB}	224, 0, 251
Decimal	14680315
CIE Lab	54.88, 93.08, -67.65
CIE LCh	55, 115.068, 323.994
Yxy	22.8123, 0.2934, 0.1390
Android (android.graphics.Color)	4292870395 (0xFFE000FB)
YUV	95.5900, 76.6171, 112.6156
Hunter-Lab	47.7623, 96.3766, -82.1765

Details

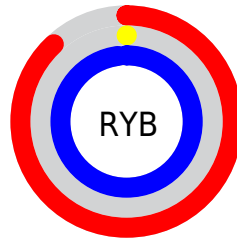
The RGB color **224, 0, 251** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **27, 251, 0**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **255, 100, 255**, and **163, 0, 193** is the 20% darker color. If you saturate the color by 10%, you get **224, 0, 251**, and if you desaturate by 10%, it is **227, 25, 251**.

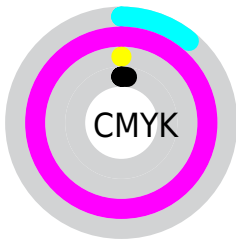
Distribution



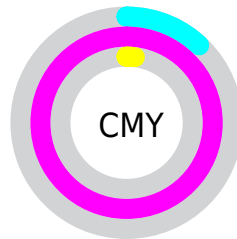
- Red (88%)
- Green (0%)
- Blue (98%)



- Red (88%)
- Yellow (0%)
- Blue (98%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



















- Cyan (12%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 224, 0, 251 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 224, 0, 251 by changing the saturation by 10% instead.


 224, 0, 251	 224, 0, 251
255, 255, 255	 193, 0, 222
 255, 100, 255	 163, 0, 193
 255, 132, 255	 133, 0, 165
 255, 163, 255	 103, 0, 138
 255, 193, 255	 73, 0, 112
 255, 224, 255	 43, 0, 86
255, 255, 255	 0, 0, 62
	 0, 3, 39
	 0, 1, 16

 224, 0, 251


 227, 25, 251

 229, 50, 251

 232, 75, 251

 235, 100, 251

 238, 126, 251

 240, 151, 251

 243, 176, 251

 246, 201, 251

 248, 226, 251

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 115, 255



224, 0, 251



255, 0, 156

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 0, 251



177, 121, 0



0, 169, 211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



224, 0, 251



27, 251, 0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 167, 108



224, 0, 251



78, 149, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



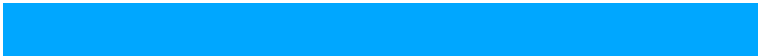
224, 0, 251



247, 60, 0



0, 161, 0



0, 167, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 0, 251



255, 0, 91



0, 161, 0



0, 168, 177

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



224, 0, 251



247, 179, 255



0, 29, 251



123, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 0, 251



228, 0, 255



251, 0, 155



124, 112, 125



168, 0, 189



55, 0, 61

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



251, 0, 27



255, 0, 27



0, 251, 96



125, 112, 114



189, 0, 20



61, 0, 7

Previews

White Background



This preview shows how the RGB color 224, 0, 251 looks on a white background.

Color Contrast Check

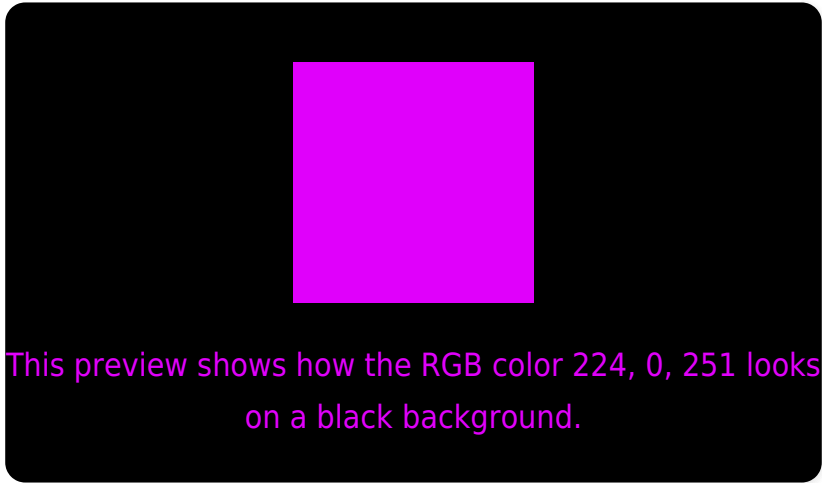
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

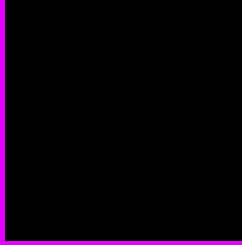
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 224, 0, 251 Background



This preview shows how black text looks on a background with the RGB color 224, 0, 251.



This preview shows how white text looks on a background with the RGB color 224, 0, 251.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
224, 0, 251

Protanopia
56, 129, 255

Deuteranopia
34, 135, 236



Tritanopia
206, 98, 105

Trichromacy



Original Color

224, 0, 251



Protanomaly

117, 82, 254



Deuteranomaly

103, 86, 241



Tritanomaly

213, 62, 158

Monochromacy



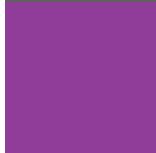
Original Color

224, 0, 251



Achromatopsia

96, 96, 96



Achromatomaly

143, 61, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 0, 251 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 0, 251)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 0, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 251) }
```

Border

The CSS property to change the border of an element to RGB 224, 0, 251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 0, 251) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 0, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 0, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 251);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 224, 0, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224, 0,  
251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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