

Converting Colors

RGB(224, 21, 234)

Have a look what the booklet for
RGB(224, 21, 234) contains.

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Color

RGB(224, 21, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E015EA
RGB	224, 21, 234
RGB Percent	88%, 8%, 92%
CMY	0.1216, 0.9176, 0.0824
CMYK	0.04, 0.91, 0.00, 0.08
HSL	297°, 84%, 50%
HSV	297°, 91%, 92%
XYZ	45.8599, 22.3241, 79.7338
YIQ	105.9790, 52.6150, 109.2790

Conversions

Conversions Part 2

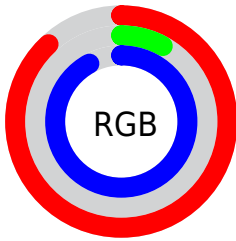
Format	Color
R _Y B	224, 21, 234
Decimal	14685674
CIE Lab	54.37, 88.85, -58.94
CIE LCh	54, 106.623, 326.439
Yxy	22.3241, 0.3100, 0.1509
Android (android.graphics.Color)	4292875754 (0xFFE015EA)
YUV	105.9790, 63.1144, 103.5044
Hunter-Lab	47.2484, 90.5696, -66.9806

Details

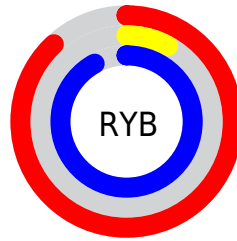
The RGB color **224, 21, 234** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **31, 234, 21**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 103, 255**, and **164, 0, 177** is the 20% darker color. If you saturate the color by 10%, you get **223, 0, 234**, and if you desaturate by 10%, it is **225, 44, 234**.

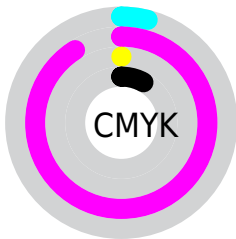
Distribution



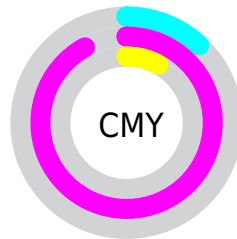
- Red (88%)
- Green (8%)
- Blue (92%)



- Red (88%)
- Yellow (8%)
- Blue (92%)



- Cyan (4%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)




- Cyan (12%)
- Magenta (92%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 21, 234 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, 21, 234 by changing the saturation by 10% instead.

 224, 21, 234

 224, 21, 234

255, 255, 255

 194, 0, 205

 255, 103, 255

 164, 0, 177

 255, 135, 255

 134, 0, 150

 255, 165, 255

 105, 0, 123

 255, 196, 255

 76, 0, 98

 255, 226, 255

 47, 0, 73

 9, 0, 49

 0, 1, 27

 0, 0, 0

■ 224, 21, 234

■ 224, 21, 234

■ 223, 0, 234

■ 225, 44, 234

■ 226, 68, 234

■ 227, 91, 234

■ 228, 115, 234

■ 229, 138, 234

■ 231, 161, 234

■ 232, 185, 234

■ 233, 208, 234

■ 234, 232, 234

Harmonies

Analogous

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



47, 111, 255



224, 21, 234



255, 0, 145

Triad

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



224, 21, 234



168, 123, 0



0, 166, 211

Complementary

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



224, 21, 234



31, 234, 21

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, 164, 116



224, 21, 234



75, 148, 0

Square

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



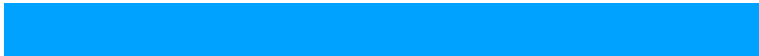
224, 21, 234



234, 74, 0



0, 159, 0



0, 162, 255

Rectangle

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



224, 21, 234



255, 0, 85



0, 159, 0



0, 165, 180

Sweetspot

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



224, 21, 234



252, 186, 255



21, 32, 234



126, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 21, 234



243, 0, 255



234, 21, 138



117, 106, 117



173, 0, 181



51, 0, 54

Inverse Universe

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



234, 21, 31



255, 0, 12



21, 234, 117



117, 106, 106



181, 0, 9



54, 0, 3

Previews

White Background



This preview shows how the RGB color 224, 21, 234 looks on a white background.

Color Contrast Check

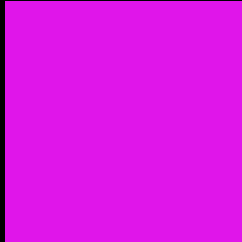
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 224, 21, 234 looks on a 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, 21, 234 Background



This preview shows how black text looks on a background with the RGB color 224, 21, 234.

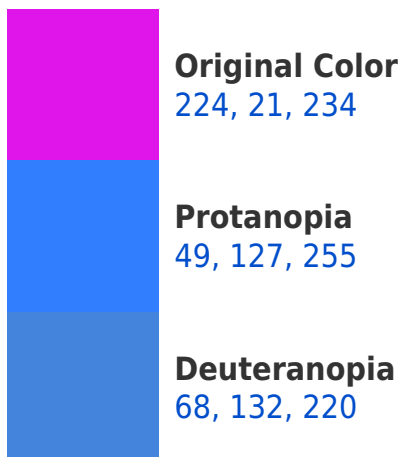


This preview shows how white text looks on a background with the RGB color 224, 21, 234.

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





Tritanopia
209, 93, 100

Trichromacy



Original Color

224, 21, 234



Protanomaly

113, 88, 247



Deuteranomaly

125, 92, 225



Tritanomaly

214, 67, 149

Monochromacy



Original Color

224, 21, 234



Achromatopsia

106, 106, 106



Achromatomaly

149, 75, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 21, 234 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, 21, 234)` looks like.

```
.text, #text, p{  
    color:rgb(224, 21, 234)  
}
```

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, 21, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 21, 234) }
```

Border

The CSS property to change the border of an element to RGB 224, 21, 234 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, 21, 234) }
```

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

```
.border{ border-color:rgb(224, 21, 234) }
```

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

Here you see how a box with a 4 pixel rgb(224, 21, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 21, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 21, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 21,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 224, 21, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 21, 234) }
```

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

```
.background{ background-color: rgb(224, 21,  
234) }
```

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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