

Converting Colors

RGB(224, 19, 187)

Have a look what the booklet for
RGB(224, 19, 187) contains.

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Color

RGB(224, 19, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E013BB
RGB	224, 19, 187
RGB Percent	88%, 7%, 73%
CMY	0.1216, 0.9255, 0.2667
CMYK	0.00, 0.92, 0.17, 0.12
HSL	311°, 84%, 48%
HSV	311°, 92%, 88%
XYZ	39.9430, 19.9009, 48.7497
YIQ	99.4470, 68.2520, 95.7080

Conversions

Conversions Part 2

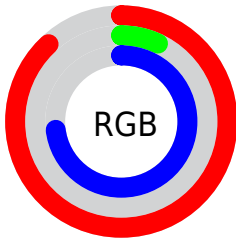
Format	Color
RYB	224, 19, 187
Decimal	14685115
CIELab	51.72, 82.60, -36.24
CIElCh	52, 90.197, 336.313
Yxy	19.9009, 0.3678, 0.1833
Android (android.graphics.Color)	4292875195 (0xFFE013BB)
YUV	99.4470, 43.1636, 109.2330
Hunter-Lab	44.6104, 81.7559, -33.5641

Details

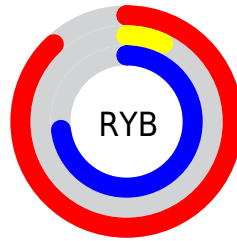
The RGB color **224, 19, 187** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **19, 224, 56**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **255, 100, 244**, and **164, 0, 133** is the 20% darker color. If you saturate the color by 10%, you get **224, 0, 184**, and if you desaturate by 10%, it is **224, 41, 191**.

Distribution



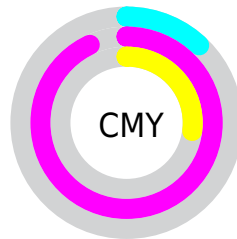
- Red (88%)
- Green (7%)
- Blue (73%)



- Red (88%)
- Yellow (7%)
- Blue (73%)



- Cyan (0%)
- Magenta (92%)
- Yellow (17%)
- Black (12%)



- Cyan (12%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 19, 187 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, 19, 187 by changing the saturation by 10% instead.



224, 19, 187



224, 19, 187

255, 255, 255



194, 0, 160



255, 100, 244



164, 0, 133



255, 131, 255



134, 0, 108



255, 161, 255



105, 0, 83



255, 192, 255



78, 0, 59



255, 222, 255



48, 0, 37



255, 252, 255



5, 0, 12



0, 0, 0



224, 19, 187



224, 19, 187

■ 224, 0, 184

■ 224, 41, 191

■ 224, 64, 195

■ 224, 86, 199

■ 224, 109, 203

■ 224, 131, 207

■ 224, 153, 211

■ 224, 176, 215

■ 224, 198, 219

■ 224, 221, 223

Harmonies

Analogous

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



136, 93, 250



224, 19, 187



253, 0, 111

Triad

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



224, 19, 187



136, 126, 0



0, 154, 214

Complementary

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



224, 19, 187



19, 224, 56

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, 154, 138



224, 19, 187



41, 143, 0

Square

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



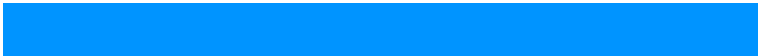
224, 19, 187



198, 94, 0



0, 151, 55



0, 148, 255

Rectangle

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



224, 19, 187



248, 0, 61



0, 151, 55



0, 155, 190

Sweetspot

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



224, 19, 187



255, 186, 243



53, 19, 224



128, 87, 120



0, 0, 0



128, 128, 128

Same Dimension

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



224, 19, 187



255, 0, 209



224, 19, 87



112, 101, 110



176, 0, 144



48, 0, 40

Inverse Universe

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



224, 19, 187



255, 0, 209



19, 224, 156



112, 101, 110



176, 0, 144



48, 0, 40

Previews

White Background



This preview shows how the RGB color 224, 19, 187 looks on a white background.

Color Contrast Check

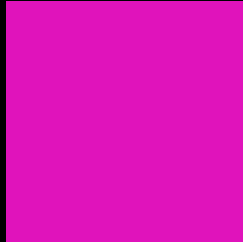
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19, 187 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, 19, 187 Background



This preview shows how black text looks on a background with the RGB color 224, 19, 187.

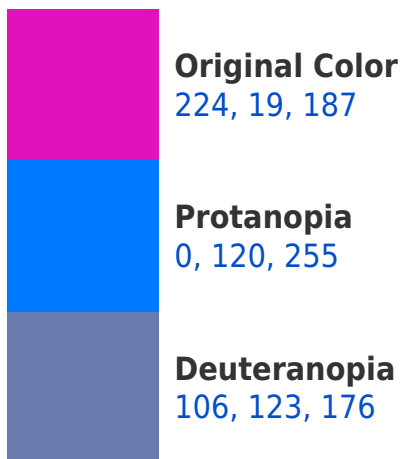


This preview shows how white text looks on a background with the RGB color 224, 19, 187.

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
215, 75, 79

Trichromacy



Original Color

224, 19, 187



Protanomaly

81, 83, 230



Deuteranomaly

149, 85, 180



Tritanomaly

218, 55, 118

Monochromacy



Original Color

224, 19, 187



Achromatopsia

99, 99, 99



Achromatomaly

144, 70, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 19, 187 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, 19, 187)` looks like.

```
.text, #text, p{  
    color:rgb(224, 19, 187)  
}
```

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, 19, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 19, 187) }
```

Border

The CSS property to change the border of an element to RGB 224, 19, 187 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, 19, 187) }
```

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

```
.border{ border-color:rgb(224, 19, 187) }
```

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

Here you see how a box with a 4 pixel rgb(224, 19, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 19, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 19, 187);  
box-shadow:4px 4px 4px 4px rgb(224, 19,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 224, 19, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 19, 187) }
```

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

```
.background{ background-color: rgb(224, 19,  
187) }
```

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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