

Converting Colors

RGB(221, 0, 230)

Have a look what the booklet for
RGB(221, 0, 230) contains.

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Color

RGB(221, 0, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DD00E6
RGB	221, 0, 230
RGB Percent	87%, 0%, 90%
CMY	0.1333, 1.0000, 0.0980
CMYK	0.04, 1.00, 0.00, 0.10
HSL	298°, 100%, 45%
HSV	298°, 100%, 90%
XYZ	44.1017, 21.0853, 76.6084
YIQ	92.2990, 57.8860, 118.3820

Conversions

Conversions Part 2

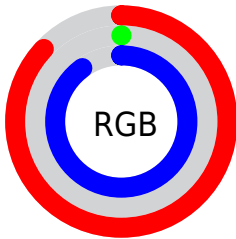
Format	Color
RYB	221, 0, 230
Decimal	14483686
CIELab	53.04, 89.49, -58.84
CIELCh	53, 107.103, 326.673
Yxy	21.0853, 0.3110, 0.1487
Android (android.graphics.Color)	4292673766 (0xFFDD00E6)
YUV	92.2990, 67.8866, 112.8708
Hunter-Lab	45.9188, 91.0788, -66.7731

Details

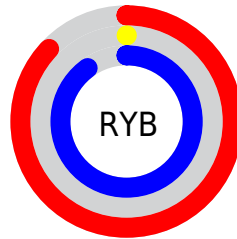
The RGB color **221, 0, 230** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **9, 230, 0**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **255, 98, 255**, and **161, 0, 173** is the 20% darker color. If you saturate the color by 10%, you get **221, 0, 230**, and if you desaturate by 10%, it is **222, 23, 230**.

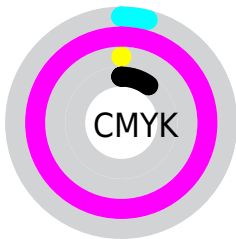
Distribution



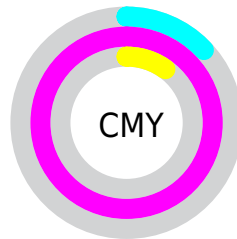
- Red (87%)
- Green (0%)
- Blue (90%)



- Red (87%)
- Yellow (0%)
- Blue (90%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 0, 230 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 221, 0, 230 by changing the saturation by 10% instead.



221, 0, 230



221, 0, 230

255, 255, 255



191, 0, 201



255, 98, 255



161, 0, 173



255, 130, 255



131, 0, 146



255, 160, 255



102, 0, 120



255, 191, 255



73, 0, 94



255, 221, 255



43, 0, 69



255, 252, 255



1, 0, 46



0, 1, 24



0, 0, 0

■ 221, 0, 230

■ 222, 23, 230

■ 223, 46, 230

■ 224, 69, 230

■ 225, 92, 230

■ 226, 115, 230

■ 226, 138, 230

■ 227, 161, 230

■ 228, 184, 230

■ 229, 207, 230

Harmonies

Analogous

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



40, 107, 255



221, 0, 230



255, 0, 141

Triad

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



221, 0, 230



163, 120, 0



0, 162, 208

Complementary

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



221, 0, 230



9, 230, 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, 160, 113



221, 0, 230



69, 145, 0

Square

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



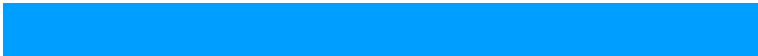
221, 0, 230



230, 70, 0



0, 156, 0



0, 159, 255

Rectangle

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



221, 0, 230



255, 0, 81



0, 156, 0



0, 162, 178

Sweetspot

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



221, 0, 230



252, 179, 255



0, 11, 230



126, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 0, 230



245, 0, 255



230, 0, 126



114, 103, 115



172, 0, 179



49, 0, 51

Inverse Universe

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



230, 0, 9



255, 0, 10



0, 230, 104



115, 103, 104



179, 0, 7



51, 0, 2

Previews

White Background



This preview shows how the RGB color 221, 0, 230 looks on a white background.

Color Contrast Check

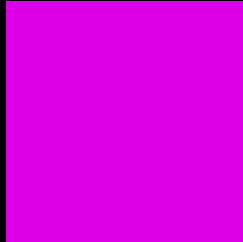
Large Text (above 18pt) WCAG AA ✓ Pass

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 221, 0, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

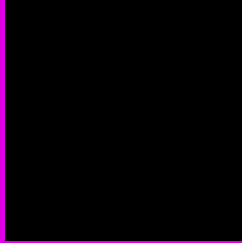
Any Text WCAG AA ✓ Pass

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 221, 0, 230 Background



This preview shows how black text looks on a background with the RGB color 221, 0, 230.

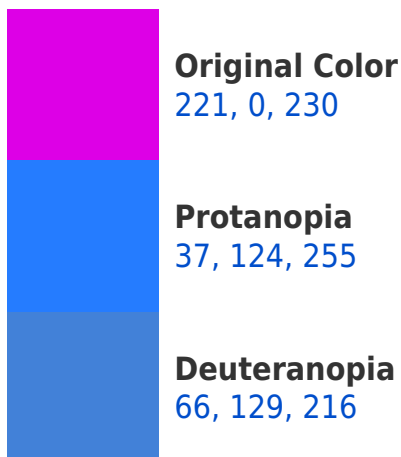



This preview shows how white text looks on a background with the RGB color 221, 0, 230.

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
206, 90, 96

Trichromacy



Original Color

221, 0, 230



Protanomaly

104, 79, 246



Deuteranomaly

122, 82, 221



Tritanomaly

211, 57, 145

Monochromacy



Original Color

221, 0, 230



Achromatopsia

92, 92, 92



Achromatomaly

139, 59, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 0, 230 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(221, 0, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 0, 230)  
}
```

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(221, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 0, 230) }
```

Border

The CSS property to change the border of an element to RGB 221, 0, 230 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(221, 0, 230) }
```

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

```
.border{ border-color:rgb(221, 0, 230) }
```

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

Here you see how a box with a 4 pixel rgb(221, 0, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 0, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 0, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 0,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 221, 0, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 0, 230) }
```

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

```
.background{ background-color: rgb(221, 0,  
230) }
```

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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