

Converting Colors

RGB(221, 40, 187)

Have a look what the booklet for
RGB(221, 40, 187) contains.

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Color

RGB(221, 40, 187)

Conversions

Conversions Part 1

Format	Color
Hex	DD28BB
RGB	221, 40, 187
RGB Percent	87%, 16%, 73%
CMY	0.1333, 0.8431, 0.2667
CMYK	0.00, 0.82, 0.15, 0.13
HSL	311°, 73%, 51%
HSV	311°, 82%, 87%
XYZ	39.5472, 20.4776, 48.8819
YIQ	110.8770, 60.6890, 84.0890

Conversions

Conversions Part 2

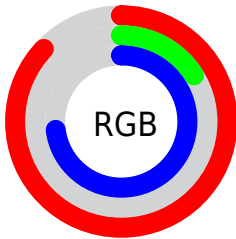
Format	Color
R _{YB}	221, 40, 187
Decimal	14493883
CIE _{Lab}	52.37, 78.56, -35.26
CIE _{LCh}	52, 86.113, 335.831
Y _{xy}	20.4776, 0.3631, 0.1880
Android (android.graphics.Color)	4292683963 (0xFFDD28BB)
YUV	110.8770, 37.5286, 96.5779
Hunter-Lab	45.2522, 76.8052, -32.3692

Details

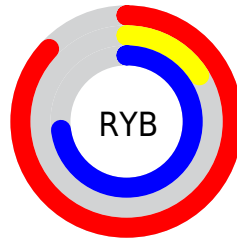
The RGB color **221, 40, 187** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **40, 221, 74**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **255, 109, 244**, and **161, 0, 133** is the 20% darker color. If you saturate the color by 10%, you get **221, 18, 183**, and if you desaturate by 10%, it is **221, 62, 191**.

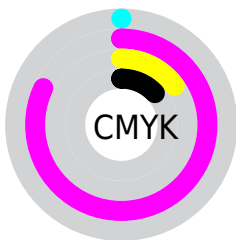
Distribution



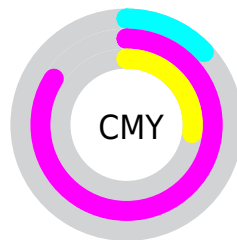
- Red (87%)
- Green (16%)
- Blue (73%)



- Red (87%)
- Yellow (16%)
- Blue (73%)



- Cyan (0%)
- Magenta (82%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 40, 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 221, 40, 187 by changing the saturation by 10% instead.



221, 40, 187



221, 40, 187

255, 255, 255



191, 0, 160



255, 109, 244



161, 0, 133



255, 139, 255



132, 0, 108



255, 169, 255



103, 0, 83



255, 198, 255



76, 0, 59



255, 228, 255



47, 0, 37



1, 0, 12



0, 0, 0



221, 40, 187



221, 40, 187

■ 221, 18, 183

■ 221, 62, 191

■ 221, 0, 179

■ 221, 84, 195

■ 221, 106, 199

■ 221, 128, 204

■ 221, 151, 208

■ 221, 173, 212

■ 221, 195, 216

■ 221, 217, 220

■ 221, 239, 224

Harmonies

Analogous

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



137, 97, 247



221, 40, 187



250, 0, 114

Triad

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



221, 40, 187



139, 127, 0



0, 155, 211

Complementary

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



221, 40, 187



40, 221, 74

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, 155, 138



221, 40, 187



54, 144, 0

Square

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



221, 40, 187



198, 97, 0



0, 152, 59



0, 148, 255

Rectangle

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



221, 40, 187



246, 20, 66



0, 152, 59



0, 155, 188

Sweetspot

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



221, 40, 187



255, 191, 243



73, 40, 221



128, 89, 120



0, 0, 0



128, 128, 128

Same Dimension

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



221, 40, 187



255, 5, 208



221, 40, 97



110, 99, 108



173, 0, 141



46, 0, 37

Inverse Universe

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



221, 40, 187



255, 5, 208



40, 221, 164



110, 99, 108



173, 0, 141



46, 0, 37

Previews

White Background



This preview shows how the RGB color 221, 40, 187 looks on a white background.

Color Contrast Check

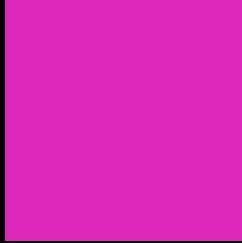
Large Text (above 18pt) WCAG AA ✓ Pass

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 221, 40, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

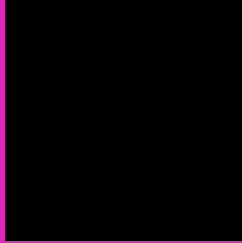
Any Text WCAG AA ✓ Pass

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 221, 40, 187 Background



This preview shows how black text looks on a background with the RGB color 221, 40, 187.

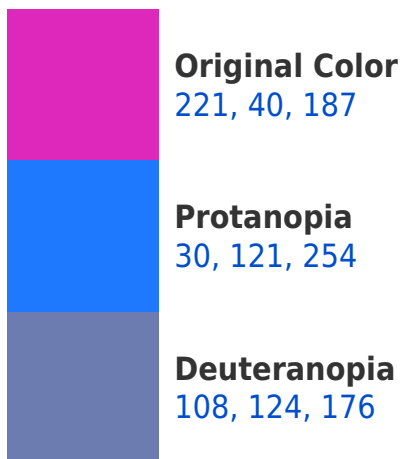


This preview shows how white text looks on a background with the RGB color 221, 40, 187.

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
212, 81, 86

Trichromacy



Original Color

221, 40, 187



Protanomaly

99, 92, 230



Deuteranomaly

149, 93, 180



Tritanomaly

215, 66, 123

Monochromacy



Original Color

221, 40, 187



Achromatopsia

111, 111, 111



Achromatomaly

151, 85, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 40, 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(221, 40, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 40, 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(221, 40, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 40, 187) }
```

Border

The CSS property to change the border of an element to RGB 221, 40, 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(221, 40, 187) }
```

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

```
.border{ border-color:rgb(221, 40, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 40, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 40, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 40, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 40,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 221, 40, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 40, 187) }
```

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

```
.background{ background-color: rgb(221, 40,  
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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