

Converting Colors

RGB(252, 5, 208)

Have a look what the booklet for
RGB(252, 5, 208) contains.

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Color

RGB(252, 5, 208)

Conversions

Conversions Part 1

Format	Color
Hex	FC05D0
RGB	252, 5, 208
RGB Percent	99%, 2%, 82%
CMY	0.0118, 0.9804, 0.1843
CMYK	0.00, 0.98, 0.17, 0.01
HSL	311°, 98%, 50%
HSV	311°, 98%, 99%
XYZ	51.5843, 25.3581, 61.8503
YIQ	101.9950, 82.0490, 115.4970

Conversions

Conversions Part 2

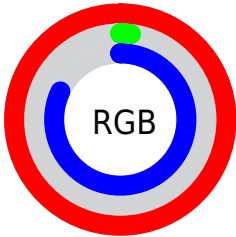
Format	Color
RYB	252, 5, 208
Decimal	16516560
CIELab	57.42, 91.37, -39.05
CIELCh	57, 99.363, 336.861
Yxy	25.3581, 0.3717, 0.1827
Android (android.graphics.Color)	4294706640 (0xFFFC05D0)
YUV	101.9950, 52.2605, 131.5544
Hunter-Lab	50.3568, 94.7269, -37.5727

Details

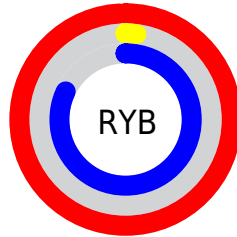
The RGB color **252, 5, 208** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **5, 252, 49**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **255, 103, 255**, and **190, 0, 153** is the 20% darker color. If you saturate the color by 10%, you get **252, 0, 207**, and if you desaturate by 10%, it is **252, 30, 212**.

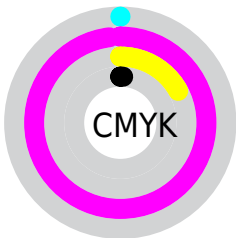
Distribution



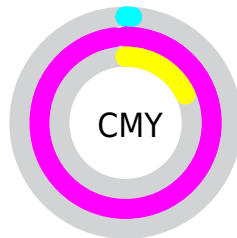
- Red (99%)
- Green (2%)
- Blue (82%)



- Red (99%)
- Yellow (2%)
- Blue (82%)



- Cyan (0%)
- Magenta (98%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (98%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 252, 5, 208 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 252, 5, 208 by changing the saturation by 10% instead.

 252, 5, 208

 252, 5, 208

255, 255, 255

 221, 0, 180

 255, 103, 255

 190, 0, 153

 255, 136, 255

 160, 0, 127

 255, 167, 255

 130, 0, 101

 255, 198, 255

 100, 0, 77

 255, 229, 255

 72, 0, 53

 42, 0, 31

 0, 0, 0

 0, 0, 0

■ 252, 5, 208

■ 252, 5, 208

■ 252, 0, 207

■ 252, 30, 212

■ 252, 55, 217

■ 252, 81, 221

■ 252, 106, 226

■ 252, 131, 230

■ 252, 156, 235

■ 252, 181, 239

■ 252, 207, 244

■ 252, 232, 248

Harmonies

Analogous

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



155, 102, 255



252, 5, 208



255, 0, 122

Triad

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



252, 5, 208



150, 141, 0



0, 172, 241

Complementary

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



252, 5, 208



5, 252, 49

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, 172, 156



252, 5, 208



39, 160, 0

Square

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



252, 5, 208



220, 106, 0



0, 169, 63



0, 165, 255

Rectangle

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



252, 5, 208



255, 0, 66



0, 169, 63



0, 173, 215

Sweetspot

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



252, 5, 208



255, 181, 242



46, 5, 252



128, 83, 120



0, 0, 0



128, 128, 128

Same Dimension

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



252, 5, 208



255, 0, 210



252, 5, 87



125, 112, 123



189, 0, 155



61, 0, 50

Inverse Universe

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



252, 5, 208



255, 0, 210



5, 252, 170



125, 112, 123



189, 0, 155



61, 0, 50

Previews

White Background



This preview shows how the RGB color 252, 5, 208 looks on a white background.

Color Contrast Check

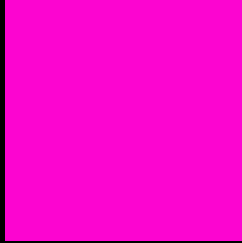
Large Text (above 18pt) WCAG AA ✓ Pass

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 252, 5, 208 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 252, 5, 208 Background



This preview shows how black text looks on a background with the RGB color 252, 5, 208.

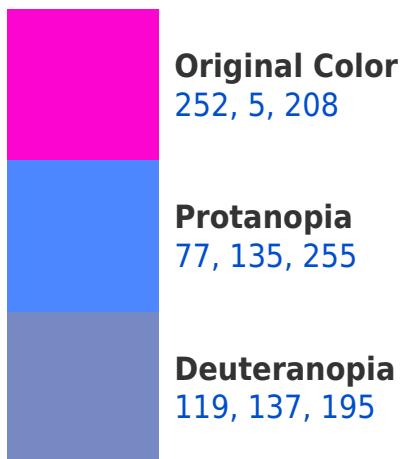


This preview shows how white text looks on a background with the RGB color 252, 5, 208.

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
242, 82, 87

Trichromacy



Original Color

252, 5, 208



Protanomaly

141, 88, 238



Deuteranomaly

167, 89, 200



Tritanomaly

246, 54, 131

Monochromacy



Original Color

252, 5, 208



Achromatopsia

102, 102, 102



Achromatomaly

157, 67, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 5, 208 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(252, 5, 208) looks like.

```
.text, #text, p{  
    color:rgb(252, 5, 208)  
}
```

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(252, 5, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 5, 208) }
```

Border

The CSS property to change the border of an element to RGB 252, 5, 208 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(252, 5, 208) }
```

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

```
.border{ border-color:rgb(252, 5, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 5, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 5, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 5, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 5,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 252, 5, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 5, 208) }
```

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

```
.background{ background-color: rgb(252, 5,  
208) }
```

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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