

# Converting Colors

RGB(252, 31, 214)

Have a look what the booklet for  
RGB(252, 31, 214) contains.

<b>RGB(252, 31, 214)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(252, 31, 214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC1FD6
RGB	252, 31, 214
RGB Percent	99%, 12%, 84%
CMY	0.0118, 0.8784, 0.1608
CMYK	0.00, 0.88, 0.15, 0.01
HSL	310°, 97%, 55%
HSV	310°, 88%, 99%
XYZ	52.7725, 26.5305, 65.9578
YIQ	117.9410, 72.9730, 103.7650

# Conversions

## Conversions Part 2

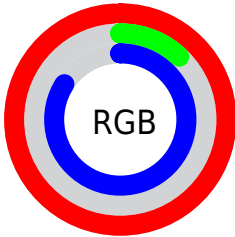
Format	Color
R <sub>Y</sub> B	252, 31, 214
Decimal	16523222
CIE Lab	58.54, 89.67, -40.71
CIE LCh	59, 98.482, 335.581
Yxy	26.5305, 0.3633, 0.1826
Android (android.graphics.Color)	4294713302 (0xFFFC1FD6)
YUV	117.9410, 47.3571, 117.5697
Hunter-Lab	51.5077, 92.7444, -39.8679

# Details

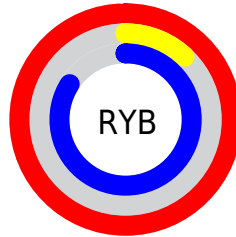
The RGB color **252, 31, 214** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **31, 252, 69**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **255, 111, 255**, and **191, 0, 159** is the 20% darker color. If you saturate the color by 10%, you get **252, 6, 210**, and if you desaturate by 10%, it is **252, 56, 218**.

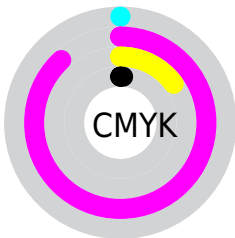
# Distribution



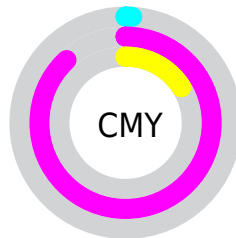
- Red (99%)
- Green (12%)
- Blue (84%)



- Red (99%)
- Yellow (12%)
- Blue (84%)



- Cyan (0%)
- Magenta (88%)
- Yellow (15%)
- Black (1%)



















- Cyan (1%)
- Magenta (88%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 252, 31, 214 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, 31, 214 by changing the saturation by 10% instead.



 252, 31, 214	 252, 31, 214
255, 255, 255	 221, 0, 186
 255, 111, 255	 191, 0, 159
 255, 142, 255	 160, 0, 132
 255, 173, 255	 131, 0, 106
 255, 204, 255	 101, 0, 82
 255, 235, 255	 74, 0, 58
	 43, 0, 35
	 0, 0, 9
	 0, 0, 0

■ 252, 31, 214

■ 252, 31, 214

■ 252, 6, 210

■ 252, 56, 218

■ 252, 0, 209

■ 252, 81, 223

■ 252, 107, 227

■ 252, 132, 231

■ 252, 157, 236

■ 252, 182, 240

■ 252, 207, 244

■ 252, 233, 249

■ 252, 255, 253

# Harmonies

## Analogous

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



152, 108, 255



252, 31, 214



255, 0, 129

# Triad

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



252, 31, 214



157, 143, 0



0, 175, 240

# Complementary

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



252, 31, 214



31, 252, 69

# 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, 175, 155



252, 31, 214



55, 162, 0

# Square

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



252, 31, 214



226, 108, 0



0, 172, 62



0, 168, 255

# Rectangle

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



252, 31, 214



255, 0, 73



0, 172, 62



0, 176, 214



# Sweetspot

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



252, 31, 214



255, 189, 244



68, 31, 252



128, 88, 121



0, 0, 0



128, 128, 128



# Same Dimension

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



252, 31, 214



255, 0, 211



252, 31, 105



125, 112, 123



189, 0, 156



61, 0, 51



# Inverse Universe

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



252, 31, 214



255, 0, 211



31, 252, 178



125, 112, 123



189, 0, 156



61, 0, 51



# Previews

## White Background



This preview shows how the RGB color 252, 31, 214 looks on a white background.

## Color Contrast Check

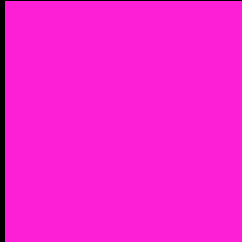
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31, 214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

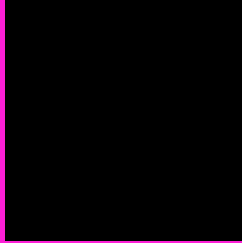
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 252, 31, 214 Background



This preview shows how black text looks on a background with the RGB color 252, 31, 214.

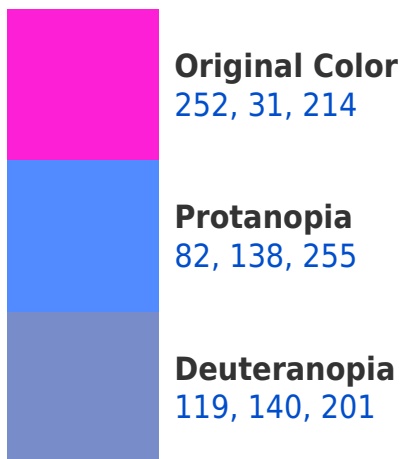


This preview shows how white text looks on a background with the RGB color 252, 31, 214.

# 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**  
241, 88, 93

# Trichromacy



**Original Color**

252, 31, 214



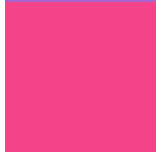
**Protanomaly**

144, 99, 240



**Deuteranomaly**

167, 100, 206



**Tritanomaly**

245, 67, 137

# Monochromacy



**Original Color**

252, 31, 214



**Achromatopsia**

118, 118, 118



**Achromatomaly**

167, 86, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 252, 31, 214 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, 31, 214) looks like.

```
.text, #text, p{  
    color:rgb(252, 31, 214)  
}
```

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, 31, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 31, 214) }
```

## Border

The CSS property to change the border of an element to RGB 252, 31, 214 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, 31, 214) }
```

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

```
.border{ border-color:rgb(252, 31, 214) }
```

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

Here you see how a box with a 4 pixel rgb(252, 31, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 31, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 31, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 31,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 252, 31, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 31, 214) }
```

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

```
.background{ background-color: rgb(252, 31,  
214) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor