

Converting Colors

`RYB(252, 30, 213)`

Have a look what the booklet for
RYB(252, 30, 213) contains.

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Color

R_YB(252, 30, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FC1ED5
RGB	252, 30, 213
RGB Percent	99%, 12%, 84%
CMY	0.0118, 0.8824, 0.1647
CMYK	0.00, 0.88, 0.15, 0.01
HSL	311°, 97%, 55%
HSV	311°, 88%, 99%
XYZ	52.6194, 26.4281, 65.2786
YIQ	117.2400, 73.5690, 103.9770

Conversions

Conversions Part 2

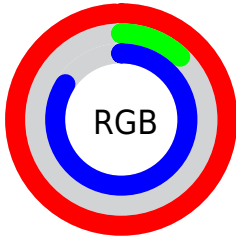
Format	Color
R _Y B	252, 30, 213
Decimal	16522965
CIE Lab	58.44, 89.69, -40.30
CIE LCh	58, 98.325, 335.807
Yxy	26.4281, 0.3646, 0.1831
Android (android.graphics.Color)	4294713045 (0xFFFC1ED5)
YUV	117.2400, 47.2097, 118.1845
Hunter-Lab	51.4083, 92.7409, -39.3011

Details

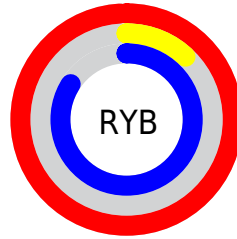
The RYB color **252, 30, 213** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **30, 219, 252**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **255, 110, 255**, and **191, 0, 158** is the 20% darker color. If you saturate the color by 10%, you get **252, 5, 209**, and if you desaturate by 10%, it is **252, 55, 217**.

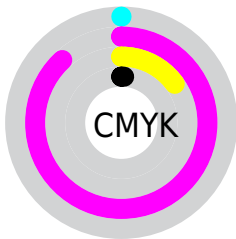
Distribution



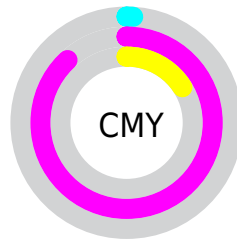
- Red (99%)
- Green (12%)
- Blue (84%)



- 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 RYB color 252, 30, 213 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 RYB color 252, 30, 213 by changing the saturation by 10% instead.

 252, 30, 213	 252, 30, 213
255, 255, 255	 221, 0, 185
 255, 110, 255	 191, 0, 158
 255, 142, 255	 160, 0, 131
 255, 173, 255	 131, 0, 106
 255, 204, 255	 101, 0, 81
 255, 234, 255	 74, 0, 57
	 43, 0, 35
	 0, 0, 8
	 0, 0, 0

■ 252, 30, 213

■ 252, 30, 213

■ 252, 5, 209

■ 252, 55, 217

■ 252, 0, 208

■ 252, 80, 222

■ 252, 106, 226

■ 252, 131, 231

■ 252, 156, 235

■ 252, 181, 240

■ 252, 206, 244

■ 252, 232, 248

■ 252, 254, 255

Harmonies

Analogous

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



153, 107, 255



252, 30, 213



255, 0, 128

Triad

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



252, 30, 213



14, 156, 0



0, 101, 241

Complementary

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



252, 30, 213



30, 219, 252

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, 93, 175



252, 30, 213



0, 162, 109

Square

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



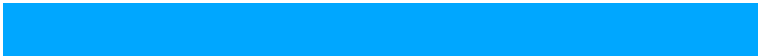
252, 30, 213



225, 208, 0



0, 125, 171



0, 101, 255

Rectangle

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



252, 30, 213



255, 0, 72



0, 125, 171



0, 97, 214

Sweetspot

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



252, 30, 213



255, 189, 243



67, 30, 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, 30, 213



255, 0, 210



252, 30, 104



125, 112, 123



189, 0, 156



61, 0, 50

Inverse Universe

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



252, 30, 213



255, 0, 210



30, 163, 252



125, 112, 123



189, 0, 156



61, 0, 50

Previews

White Background



This preview shows how the RYB color 252, 30, 213 looks on a white background.

Color Contrast Check

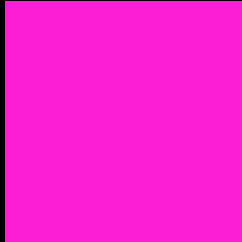
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 252, 30, 213 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, 30, 213 Background



This preview shows how black text looks on a background with the RGB color 252, 30, 213.

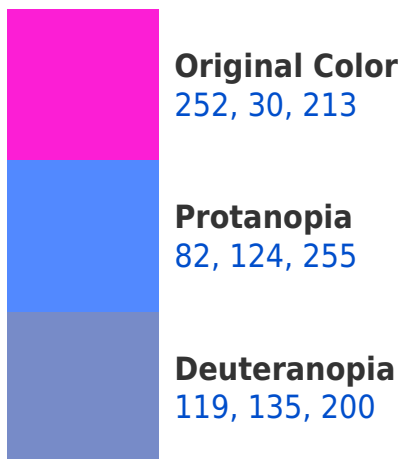


This preview shows how white text looks on a background with the RGB color 252, 30, 213.

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, 87, 92

Trichromacy



Original Color

252, 30, 213



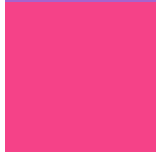
Protanomaly

144, 98, 240



Deuteranomaly

167, 99, 205



Tritanomaly

245, 66, 136

Monochromacy



Original Color

252, 30, 213



Achromatopsia

117, 117, 117



Achromatomaly

166, 85, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 30, 213 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, 30, 213)` looks like.

```
.text, #text, p{  
    color:rgb(252, 30, 213)  
}
```

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, 30, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 30, 213) }
```

Border

The CSS property to change the border of an element to RYB 252, 30, 213 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, 30, 213) }
```

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

```
.border{ border-color:rgb(252, 30, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 30, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 30, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 30, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 30,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 252, 30, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 30, 213) }
```

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

```
.background{ background-color: rgb(252, 30,  
213) }
```

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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