

Converting Colors

`RYB(252, 93, 233)`

Have a look what the booklet for
RYB(252, 93, 233) contains.

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Color

R_YB(252, 93, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FC5DE9
RGB	252, 93, 233
RGB Percent	99%, 36%, 91%
CMY	0.0118, 0.6353, 0.0863
CMYK	0.00, 0.63, 0.08, 0.01
HSL	307°, 96%, 68%
HSV	307°, 63%, 99%
XYZ	58.7672, 34.4073, 80.6347
YIQ	156.5010, 49.8240, 77.2480

Conversions

Conversions Part 2

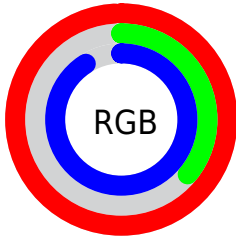
Format	Color
R _Y B	252, 93, 233
Decimal	16539113
CIE Lab	65.28, 75.60, -40.80
CIE LCh	65, 85.903, 331.643
Yxy	34.4073, 0.3381, 0.1980
Android (android.graphics.Color)	4294729193 (0xFFFC5DE9)
YUV	156.5010, 37.7140, 83.7526
Hunter-Lab	58.6578, 76.1819, -40.4434

Details

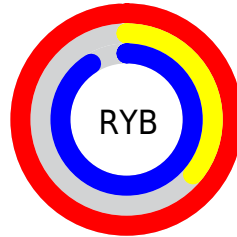
The RYB color **252, 93, 233** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **93, 235, 252**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 152, 255**, and **192, 17, 177** is the 20% darker color. If you saturate the color by 10%, you get **252, 68, 230**, and if you desaturate by 10%, it is **252, 118, 236**.

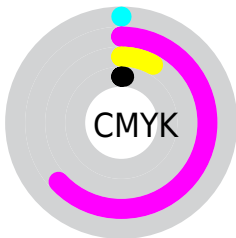
Distribution



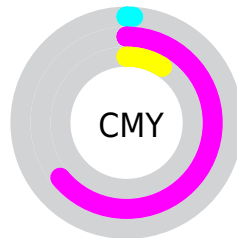
- Red (99%)
- Green (36%)
- Blue (91%)



- Red (99%)
- Yellow (36%)
- Blue (91%)



- Cyan (0%)
- Magenta (63%)
- Yellow (8%)
- Black (1%)


















- Cyan (1%)
- Magenta (64%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 93, 233 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, 93, 233 by changing the saturation by 10% instead.

 252, 93, 233	 252, 93, 233
255, 255, 255	 222, 61, 205
 255, 152, 255	 192, 17, 177
 255, 182, 255	 163, 0, 150
 255, 211, 255	 134, 0, 123
 255, 241, 255	 105, 0, 98
	 77, 0, 74
	 50, 0, 50
	 14, 0, 28
	 0, 0, 0

■ 252, 93, 233

■ 252, 93, 233

■ 252, 68, 230

■ 252, 118, 236

■ 252, 43, 227

■ 252, 143, 239

■ 252, 17, 224

■ 252, 169, 242

■ 252, 0, 222

■ 252, 194, 245

■ 252, 219, 248

■ 252, 244, 251

■ 252, 254, 255

■ 252, 254, 255

Harmonies

Analogous

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



157, 136, 255



252, 93, 233



255, 62, 158

Triad

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



252, 93, 233



36, 187, 0



0, 106, 238

Complementary

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



252, 93, 233



93, 235, 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, 104, 192



252, 93, 233



0, 177, 68

Square

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



252, 93, 233



241, 247, 0



0, 131, 187



0, 107, 255

Rectangle

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



252, 93, 233



255, 73, 107



0, 131, 187



0, 101, 213

Sweetspot

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



252, 93, 233



255, 207, 249



112, 93, 252



128, 98, 124



0, 0, 0



128, 128, 128

Same Dimension

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



252, 93, 233



255, 61, 232



252, 93, 154



125, 112, 123



189, 0, 166



61, 0, 54

Inverse Universe

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



252, 93, 233



255, 61, 232



93, 191, 252



125, 112, 123



189, 0, 166



61, 0, 54

Previews

White Background



This preview shows how the RYB color 252, 93, 233 looks on a white background.

Color Contrast Check

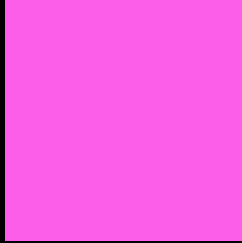
Large Text (above 18pt) WCAG AA × Fail

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, 93, 233 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 ✓ Pass

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

RGB 252, 93, 233 Background



This preview shows how black text looks on a background with the RGB color 252, 93, 233.



This preview shows how white text looks on a background with the RGB color 252, 93, 233.

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



Original Color
252, 93, 233

Protanopia
119, 148, 255

Deuteranopia
136, 153, 223



Tritanopia
241, 122, 131

Trichromacy



Original Color

252, 93, 233



Protanomaly

167, 133, 247



Deuteranomaly

178, 134, 227



Tritanomaly

245, 111, 168

Monochromacy



Original Color

252, 93, 233



Achromatopsia

157, 157, 157



Achromatomaly

192, 134, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 93, 233 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, 93, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 93, 233)  
}
```

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, 93, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 93, 233) }
```

Border

The CSS property to change the border of an element to RYB 252, 93, 233 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, 93, 233) }
```

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

```
.border{ border-color:rgb(252, 93, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 93, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 93, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 93, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 93,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 252, 93, 233 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 93, 233) }
```

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

```
.background{ background-color: rgb(252, 93,  
233) }
```

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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