

Converting Colors

`RYB(248, 93, 243)`

Have a look what the booklet for RYB(248, 93, 243) contains.

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Color

R_YB(248, 93, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F85DF3
RGB	248, 93, 243
RGB Percent	97%, 36%, 95%
CMY	0.0275, 0.6353, 0.0471
CMYK	0.00, 0.62, 0.02, 0.03
HSL	302°, 92%, 67%
HSV	302°, 63%, 97%
XYZ	58.8034, 34.2562, 88.3068
YIQ	156.4450, 44.2300, 79.5100

Conversions

Conversions Part 2

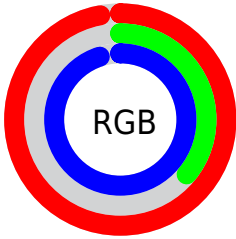
Format	Color
R _Y B	248, 93, 243
Decimal	16276979
CIE Lab	65.17, 76.20, -46.57
CIE LCh	65, 89.302, 328.566
Yxy	34.2562, 0.3242, 0.1889
Android (android.graphics.Color)	4294467059 (0xFFFF85DF3)
YUV	156.4450, 42.6716, 80.2937
Hunter-Lab	58.5288, 76.9120, -48.4851

Details

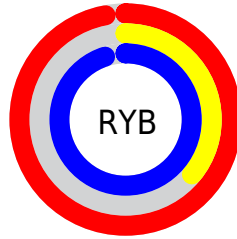
The RYB color **248, 93, 243** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **93, 243, 248**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 152, 255**, and **188, 17, 186** is the 20% darker color. If you saturate the color by 10%, you get **248, 68, 242**, and if you desaturate by 10%, it is **248, 118, 244**.

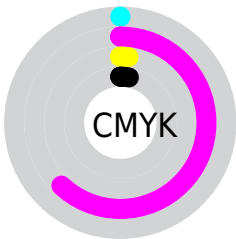
Distribution



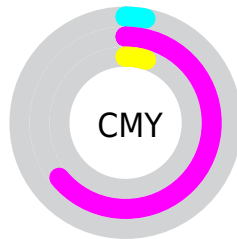
- Red (97%)
- Green (36%)
- Blue (95%)



- Red (97%)
- Yellow (36%)
- Blue (95%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (64%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 93, 243 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 248, 93, 243 by changing the saturation by 10% instead.



248, 93, 243



248, 93, 243

255, 255, 255



218, 61, 214



255, 152, 255



188, 17, 186



255, 182, 255



159, 0, 159



255, 211, 255



130, 0, 132



255, 241, 255



102, 0, 106



74, 0, 81




47, 0, 58





6, 0, 35



0, 0, 9


 248, 93, 243


 248, 93, 243


 248, 68, 242

 248, 118, 244

 248, 43, 241

 248, 143, 245

 248, 19, 241

 248, 167, 245

 248, 0, 240

 248, 192, 246

 248, 217, 247

 248, 242, 248

 248, 254, 255

 248, 253, 255

Harmonies

Analogous

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



139, 138, 255



248, 93, 243



255, 53, 166

Triad

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



248, 93, 243



50, 194, 0



0, 105, 233

Complementary

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



248, 93, 243



93, 243, 248

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, 107, 192



248, 93, 243



0, 175, 60

Square

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



248, 93, 243



254, 224, 0



0, 138, 187



0, 108, 255

Rectangle

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



248, 93, 243



255, 61, 113



0, 138, 187



0, 100, 207

Sweetspot

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



248, 93, 243



255, 207, 253



96, 93, 248



128, 98, 127



0, 0, 0



128, 128, 128

Same Dimension

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



248, 93, 243



255, 64, 249



248, 93, 168



125, 112, 125



189, 0, 183



61, 0, 59

Inverse Universe

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



248, 93, 243



255, 64, 249



93, 195, 248



125, 112, 125



189, 0, 183



61, 0, 59

Previews

White Background



This preview shows how the RYB color 248, 93, 243 looks on a white background.

Color Contrast Check

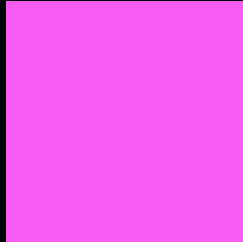
Large Text (above 18pt) WCAG AA × Fail

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 248, 93, 243 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](#).

RYP 248, 93, 243 Background



This preview shows how black text looks on a background with the RYP color 248, 93, 243.



This preview shows how white text looks on a background with the RYP color 248, 93, 243.

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
248, 93, 243

Protanopia
118, 147, 255

Deuteranopia
127, 150, 232



Tritanopia
235, 125, 134

Trichromacy



Original Color

248, 93, 243



Protanomaly

165, 132, 251



Deuteranomaly

171, 134, 236



Tritanomaly

240, 113, 174

Monochromacy



Original Color

248, 93, 243



Achromatopsia

156, 156, 156



Achromatomaly

189, 133, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 93, 243 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(248, 93, 243) looks like.

```
.text, #text, p{  
    color:rgb(248, 93, 243)  
}
```

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(248, 93, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 93, 243) }
```

Border

The CSS property to change the border of an element to RYB 248, 93, 243 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(248, 93, 243) }
```

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

```
.border{ border-color:rgb(248, 93, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 93, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 93, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 93, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 93,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 248, 93, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 93, 243) }
```

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

```
.background{ background-color: rgb(248, 93,  
243) }
```

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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