

Converting Colors

`RYB(248, 82, 185)`

Have a look what the booklet for RYB(248, 82, 185) contains.

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Color

`RYB(248, 82, 185)`

Conversions

Conversions Part 1

Format	Color
Hex	F852B9
RGB	248, 82, 185
RGB Percent	97%, 32%, 73%
CMY	0.0275, 0.6784, 0.2745
CMYK	0.00, 0.67, 0.25, 0.03
HSL	323°, 92%, 65%
HSV	323°, 67%, 97%
XYZ	50.4856, 29.4938, 48.9309
YIQ	143.3760, 65.8730, 67.2250

Conversions

Conversions Part 2

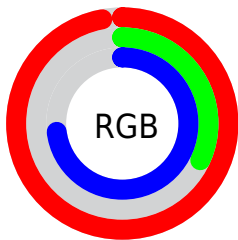
Format	Color
R _Y B	248, 82, 185
Decimal	16274105
CIE Lab	61.22, 72.11, -20.06
CIE LCh	61, 74.846, 344.451
Yxy	29.4938, 0.3916, 0.2288
Android (android.graphics.Color)	4294464185 (0xFFFF852B9)
YUV	143.3760, 20.5206, 91.7552
Hunter-Lab	54.3082, 70.8966, -15.4037

Details

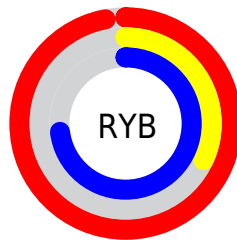
The RYB color **248, 82, 185** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **82, 202, 248**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 142, 241**, and **187, 0, 132** is the 20% darker color. If you saturate the color by 10%, you get **248, 57, 176**, and if you desaturate by 10%, it is **248, 107, 194**.

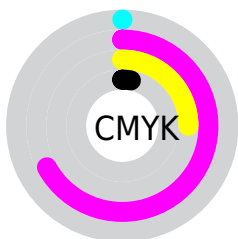
Distribution



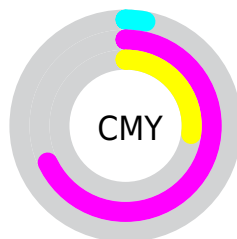
- Red (97%)
- Green (32%)
- Blue (73%)



- Red (97%)
- Yellow (32%)
- Blue (73%)



- Cyan (0%)
- Magenta (67%)
- Yellow (25%)
- Black (3%)




- Cyan (3%)
- Magenta (68%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 82, 185 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, 82, 185 by changing the saturation by 10% instead.

 248, 82, 185

 248, 82, 185

255, 255, 255

 218, 49, 158

 255, 142, 241

 187, 0, 132

 255, 171, 255

 158, 0, 106

 255, 200, 255

 129, 0, 82


 255, 230, 255

 100, 0, 59

 73, 0, 37

 44, 0, 13

 0, 0, 0

 248, 82, 185

 248, 82, 185

■ 248, 57, 176

■ 248, 107, 194

■ 248, 32, 166

■ 248, 132, 204

■ 248, 8, 157

■ 248, 156, 213

■ 248, 0, 154

■ 248, 181, 223

■ 248, 206, 232

■ 248, 231, 241

■ 248, 253, 255

■ 248, 252, 255

Harmonies

Analogous

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



190, 114, 243



248, 82, 185



255, 75, 119

Triad

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



248, 82, 185



0, 155, 7



0, 101, 240

Complementary

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



248, 82, 185



82, 202, 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, 89, 179



248, 82, 185



41, 168, 142

Square

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



248, 82, 185



115, 206, 0



0, 107, 175



0, 100, 255

Rectangle

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



248, 82, 185



255, 92, 77



0, 107, 175



0, 98, 221

Sweetspot

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



248, 82, 185



255, 204, 236



143, 82, 248



128, 97, 116



0, 0, 0



128, 128, 128

Same Dimension

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



248, 82, 185



255, 51, 178



248, 82, 104



125, 112, 120



189, 0, 117



61, 0, 38

Inverse Universe

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



248, 82, 185



255, 51, 178



82, 171, 248



125, 112, 120



189, 0, 117



61, 0, 38

Previews

White Background



This preview shows how the RYB color 248, 82, 185 looks on a white background.

Color Contrast Check

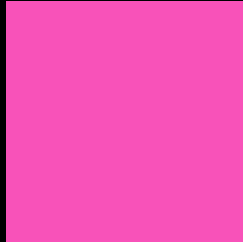
Large Text (above 18pt) WCAG AA ✓ Pass

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 248, 82, 185 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](#).

RYP 248, 82, 185 Background



This preview shows how black text looks on a background with the RYP color 248, 82, 185.



This preview shows how white text looks on a background with the RYP color 248, 82, 185.

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, 82, 185

Protanopia
116, 139, 232

Deuteranopia
149, 145, 176



Tritanopia
242, 102, 109

Trichromacy



Original Color

248, 82, 185



Protanomaly

164, 122, 215



Deuteranomaly

185, 122, 179



Tritanomaly

244, 95, 137

Monochromacy



Original Color

248, 82, 185



Achromatopsia

143, 143, 143



Achromatomaly

181, 121, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 82, 185 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, 82, 185) looks like.

```
.text, #text, p{  
    color:rgb(248, 82, 185)  
}
```

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, 82, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 82, 185) }
```

Border

The CSS property to change the border of an element to RYB 248, 82, 185 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, 82, 185) }
```

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

```
.border{ border-color:rgb(248, 82, 185) }
```

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

Here you see how a box with a 4 pixel rgb(248, 82, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 82, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 82, 185);  
box-shadow:4px 4px 4px 4px rgb(248, 82,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 248, 82, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 82, 185) }
```

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

```
.background{ background-color: rgb(248, 82,  
185) }
```

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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