

Converting Colors

`RYB(250, 106, 197)`

Have a look what the booklet for
RYB(250, 106, 197) contains.

RYB(250, 106, 197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(250, 106, 197)

Conversions

Conversions Part 1

Format	Color
Hex	FA6AC5
RGB	250, 106, 197
RGB Percent	98%, 42%, 77%
CMY	0.0196, 0.5843, 0.2275
CMYK	0.00, 0.58, 0.21, 0.02
HSL	322°, 94%, 70%
HSV	322°, 58%, 98%
XYZ	54.6564, 34.6633, 56.6333
YIQ	159.4300, 56.6130, 58.8290

Conversions

Conversions Part 2

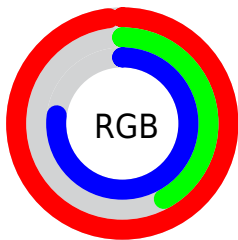
Format	Color
R _Y B	250, 106, 197
Decimal	16411333
CIE Lab	65.49, 64.56, -20.35
CIE LCh	65, 67.687, 342.504
Yxy	34.6633, 0.3745, 0.2375
Android (android.graphics.Color)	4294601413 (0xFFFA6AC5)
YUV	159.4300, 18.5220, 79.4299
Hunter-Lab	58.8755, 62.6762, -15.8191

Details

The RYB color **250, 106, 197** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **106, 211, 250**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 163, 254**, and **190, 46, 143** is the 20% darker color. If you saturate the color by 10%, you get **250, 81, 188**, and if you desaturate by 10%, it is **250, 131, 206**.

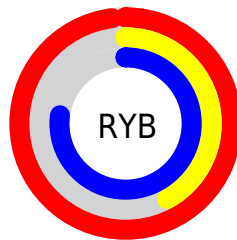
Distribution



Red (98%)

Green (42%)

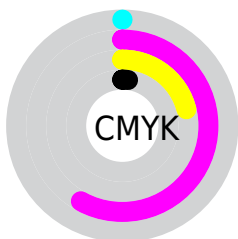
Blue (77%)



Red (98%)

Yellow (42%)

Blue (77%)

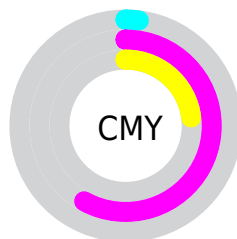


Cyan (0%)

Magenta (58%)

Yellow (21%)

Black (2%)



Cyan (2%)


Magenta (58%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 106, 197 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 250, 106, 197 by changing the saturation by 10% instead.

 250, 106, 197

 250, 106, 197

255, 255, 255

 220, 77, 170

 255, 163, 254

 190, 46, 143

 255, 192, 255

 161, 0, 117

 255, 221, 255

 132, 0, 93

 255, 251, 255

 104, 0, 69

 77, 0, 46

 50, 0, 25

 5, 0, 0

 0, 0, 0

■ 250, 106, 197

■ 250, 106, 197

■ 250, 81, 188

■ 250, 131, 206

■ 250, 56, 179

■ 250, 156, 215

■ 250, 31, 169

■ 250, 181, 225

■ 250, 6, 160

■ 250, 206, 234

■ 250, 0, 158

■ 250, 231, 243

■ 250, 254, 255

■ 250, 253, 255

Harmonies

Analogous

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



194, 131, 249



250, 106, 197



255, 99, 136

Triad

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



250, 106, 197



16, 165, 15



0, 104, 240

Complementary

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



250, 106, 197



106, 211, 250

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, 95, 188



250, 106, 197



62, 178, 143

Square

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



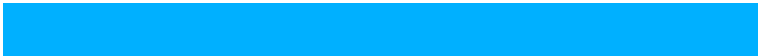
250, 106, 197



156, 218, 31



0, 112, 185



0, 104, 255

Rectangle

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



250, 106, 197



255, 111, 97



0, 112, 185



0, 101, 223

Sweetspot

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



250, 106, 197



255, 212, 239



159, 106, 250



128, 102, 118



0, 0, 0



128, 128, 128

Same Dimension

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



250, 106, 197



255, 79, 190



250, 106, 125



125, 112, 120



189, 0, 119



61, 0, 39

Inverse Universe

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



250, 106, 197



255, 79, 190



106, 183, 250



125, 112, 120



189, 0, 119



61, 0, 39

Previews

White Background



This preview shows how the RYB color 250, 106, 197 looks on a white background.

Color Contrast Check

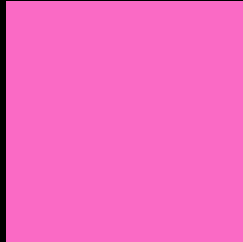
Large Text (above 18pt) WCAG AA × Fail

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 250, 106, 197 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](#).

RYB 250, 106, 197 Background



This preview shows how black text looks on a background with the RYB color 250, 106, 197.



This preview shows how white text looks on a background with the RYB color 250, 106, 197.

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
250, 106, 197

Protanopia
133, 152, 235

Deuteranopia
160, 156, 189



Tritanopia
244, 121, 130

Trichromacy



Original Color

250, 106, 197



Protanomaly

176, 138, 221



Deuteranomaly

193, 138, 192



Tritanomaly

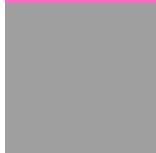
246, 116, 154

Monochromacy



Original Color

250, 106, 197



Achromatopsia

159, 159, 159



Achromatomaly

192, 140, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 106, 197 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(250, 106, 197) looks like.

```
.text, #text, p{  
    color:rgb(250, 106, 197)  
}
```

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(250, 106, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 106, 197) }
```

Border

The CSS property to change the border of an element to RYB 250, 106, 197 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(250, 106, 197) }
```

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

```
.border{ border-color:rgb(250, 106, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 106, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 106, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 106, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 106,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 250, 106, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 106, 197) }
```

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

```
.background{ background-color: rgb(250,  
106, 197) }
```

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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