

Converting Colors

`RYB(250, 75, 165)`

Have a look what the booklet for
RYB(250, 75, 165) contains.

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Color

R_YB(250, 75, 165)

Conversions

Conversions Part 1

Format	Color
Hex	FA4BA5
RGB	250, 75, 165
RGB Percent	98%, 29%, 65%
CMY	0.0196, 0.7059, 0.3529
CMYK	0.00, 0.70, 0.34, 0.02
HSL	329°, 95%, 64%
HSV	329°, 70%, 98%
XYZ	48.7319, 28.0728, 38.4474
YIQ	137.5850, 75.4100, 65.0900

Conversions

Conversions Part 2

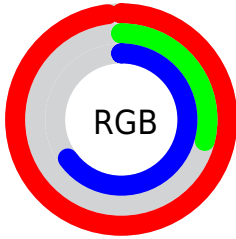
Format	Color
RYB	250, 75, 165
Decimal	16403365
CIELab	59.95, 72.80, -10.41
CIELCh	60, 73.536, 351.865
Yxy	28.0728, 0.4228, 0.2436
Android (android.graphics.Color)	4294593445 (0xFFFA4BA5)
YUV	137.5850, 13.5156, 98.5880
Hunter-Lab	52.9837, 71.4544, -5.9349

Details

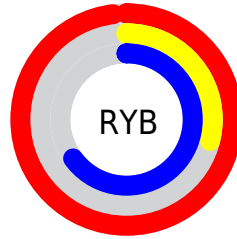
The RYB color **250, 75, 165** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75, 193, 250**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 136, 220**, and **189, 0, 113** is the 20% darker color. If you saturate the color by 10%, you get **250, 50, 153**, and if you desaturate by 10%, it is **250, 100, 177**.

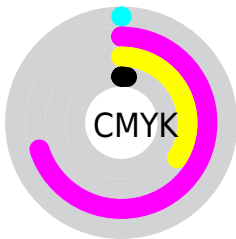
Distribution



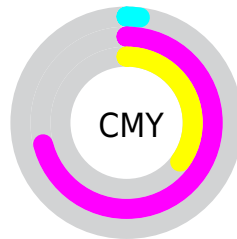
- Red (98%)
- Green (29%)
- Blue (65%)



- Red (98%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 75, 165 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, 75, 165 by changing the saturation by 10% instead.

 250, 75, 165

 250, 75, 165

255, 255, 255

 219, 39, 139

 255, 136, 220

 189, 0, 113

 255, 165, 249

 159, 0, 89

 255, 195, 255

 129, 0, 65


 255, 224, 255


 100, 0, 43


 73, 0, 23


 42, 0, 1


 0, 0, 0


 250, 75, 165

 250, 75, 165


 250, 50, 153


 250, 100, 177

 250, 25, 141

 250, 125, 189

 250, 0, 129

 250, 150, 201

 250, 175, 214

 250, 200, 226

 250, 225, 238

 250, 250, 250

 250, 253, 255

Harmonies

Analogous

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



204, 103, 225



250, 75, 165



255, 78, 101

Triad

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



250, 75, 165



0, 155, 27



0, 101, 246

Complementary

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



250, 75, 165



75, 193, 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, 91, 191



250, 75, 165



23, 139, 167

Square

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



250, 75, 165



74, 188, 0



0, 100, 172



0, 98, 255

Rectangle

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



250, 75, 165



244, 106, 60



0, 100, 172



0, 98, 230

Sweetspot

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



250, 75, 165



255, 201, 229



160, 75, 250



128, 96, 112



0, 0, 0



128, 128, 128

Same Dimension

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



250, 75, 165



255, 41, 151



250, 75, 78



125, 112, 119



189, 0, 97



61, 0, 31

Inverse Universe

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



250, 75, 165



255, 41, 151



75, 163, 250



125, 112, 119



189, 0, 97



61, 0, 31

Previews

White Background



This preview shows how the RYB color 250, 75, 165 looks on a white background.

Color Contrast Check

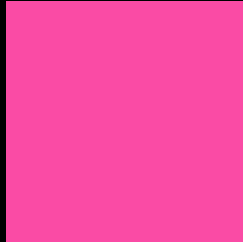
Large Text (above 18pt) WCAG AA ✓ Pass

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 250, 75, 165 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](#).

RYB 250, 75, 165 Background



This preview shows how black text looks on a background with the RYB color 250, 75, 165.



This preview shows how white text looks on a background with the RYB color 250, 75, 165.

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, 75, 165

Protanopia
122, 139, 211

Deuteranopia
154, 141, 156



Tritanopia
245, 92, 98

Trichromacy



Original Color

250, 75, 165



Protanomaly

169, 118, 194



Deuteranomaly

189, 117, 159



Tritanomaly

247, 86, 122

Monochromacy



Original Color

250, 75, 165



Achromatopsia

138, 138, 138



Achromatomaly

179, 115, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 75, 165 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, 75, 165)` looks like.

```
.text, #text, p{  
    color:rgb(250, 75, 165)  
}
```

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, 75, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 75, 165) }
```

Border

The CSS property to change the border of an element to RYB 250, 75, 165 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, 75, 165) }
```

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

```
.border{ border-color:rgb(250, 75, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 75, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 75, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 75, 165);  
box-shadow:4px 4px 4px 4px rgb(250, 75,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 250, 75, 165 is called "background".

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

```
.background, #background, body{  
background: rgb(250, 75, 165) }
```

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

```
.background{ background-color: rgb(250, 75,  
165) }
```

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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