

Converting Colors

`RYB(250, 45, 182)`

Have a look what the booklet for
RYB(250, 45, 182) contains.

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Color

R_YB(250, 45, 182)

Conversions

Conversions Part 1

Format	Color
Hex	FA2DB6
RGB	250, 45, 182
RGB Percent	98%, 18%, 71%
CMY	0.0196, 0.8235, 0.2863
CMYK	0.00, 0.82, 0.27, 0.02
HSL	320°, 95%, 58%
HSV	320°, 82%, 98%
XYZ	48.8062, 25.5782, 46.6207
YIQ	121.9130, 78.2030, 86.0670

Conversions

Conversions Part 2

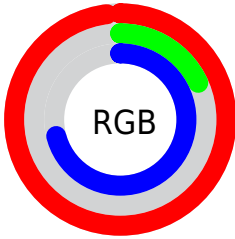
Format	Color
R_{YB}	250, 45, 182
Decimal	16395702
CIE _{Lab}	57.63, 83.00, -23.79
CIE _{LCh}	58, 86.340, 344.008
Yxy	25.5782, 0.4033, 0.2114
Android (android.graphics.Color)	4294585782 (0xFFFA2DB6)
YUV	121.9130, 29.6229, 112.3323
Hunter-Lab	50.5749, 83.7517, -19.2520

Details

The RYB color **250, 45, 182** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **45, 199, 250**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **255, 116, 238**, and **188, 0, 129** is the 20% darker color. If you saturate the color by 10%, you get **250, 20, 174**, and if you desaturate by 10%, it is **250, 70, 190**.

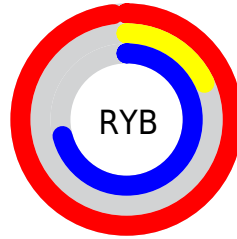
Distribution



Red (98%)

Green (18%)

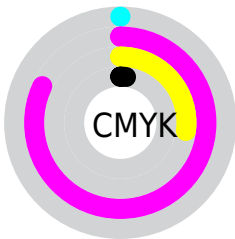
Blue (71%)



Red (98%)

Yellow (18%)

Blue (71%)

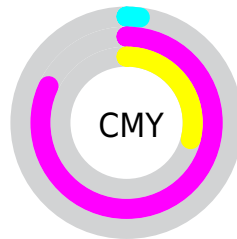


Cyan (0%)

Magenta (82%)

Yellow (27%)

Black (2%)



Cyan (2%)


Magenta (82%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 45, 182 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, 45, 182 by changing the saturation by 10% instead.

 250, 45, 182

 250, 45, 182

255, 255, 255

 219, 0, 155

 255, 116, 238

 188, 0, 129

 255, 146, 255

 158, 0, 104


 255, 177, 255

 128, 0, 79

 255, 207, 255

 99, 0, 56

 255, 238, 255

 71, 0, 35

 41, 0, 7

 0, 0, 0


 250, 45, 182


 250, 45, 182


 250, 20, 174


 250, 70, 190


 250, 0, 167

 250, 95, 199

 250, 120, 207

 250, 145, 215

 250, 170, 223

 250, 195, 232

 250, 220, 240

 250, 245, 248

 250, 253, 255

Harmonies

Analogous

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



183, 98, 248



250, 45, 182



255, 27, 107

Triad

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



250, 45, 182



0, 146, 11



0, 99, 243

Complementary

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



250, 45, 182



45, 199, 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, 86, 173



250, 45, 182



0, 161, 138

Square

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



250, 45, 182



133, 200, 0



0, 108, 168



0, 98, 255

Rectangle

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



250, 45, 182



255, 63, 58



0, 108, 168



0, 96, 222

Sweetspot

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



250, 45, 182



255, 191, 234



110, 45, 250



128, 89, 115



0, 0, 0



128, 128, 128

Same Dimension

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



250, 45, 182



255, 5, 172



250, 45, 83



125, 112, 121



189, 0, 126



61, 0, 41

Inverse Universe

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



250, 45, 182



255, 5, 172



45, 158, 250



125, 112, 121



189, 0, 126



61, 0, 41

Previews

White Background



This preview shows how the RYB color 250, 45, 182 looks on a white background.

Color Contrast Check

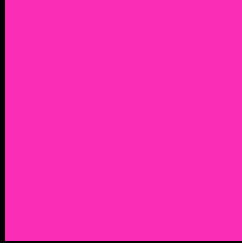
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45, 182 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, 45, 182 Background



This preview shows how black text looks on a background with the RYB color 250, 45, 182.

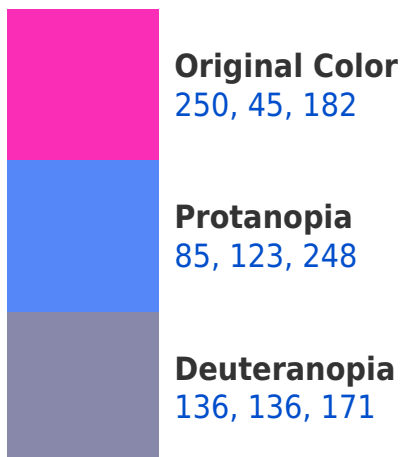


This preview shows how white text looks on a background with the RYB color 250, 45, 182.

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





Tritanopia
243, 81, 85

Trichromacy



Original Color

250, 45, 182



Protanomaly

145, 102, 224



Deuteranomaly

177, 103, 175



Tritanomaly

246, 68, 120

Monochromacy



Original Color

250, 45, 182



Achromatopsia

122, 122, 122



Achromatomaly

169, 94, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 45, 182 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, 45, 182) looks like.

```
.text, #text, p{  
    color:rgb(250, 45, 182)  
}
```

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, 45, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 45, 182) }
```

Border

The CSS property to change the border of an element to RYB 250, 45, 182 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, 45, 182) }
```

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

```
.border{ border-color:rgb(250, 45, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 45, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 45, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 45, 182);  
box-shadow:4px 4px 4px 4px rgb(250, 45,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 250, 45, 182 is called "background".

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

```
.background, #background, body{  
background: rgb(250, 45, 182) }
```

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

```
.background{ background-color: rgb(250, 45,  
182) }
```

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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