

Converting Colors

RGB(247, 46, 184)

Have a look what the booklet for
RGB(247, 46, 184) contains.

RGB(247, 46, 184)	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

RGB(247, 46, 184)

Conversions

Conversions Part 1

Format	Color
Hex	F72EB8
RGB	247, 46, 184
RGB Percent	97%, 18%, 72%
CMY	0.0314, 0.8196, 0.2784
CMYK	0.00, 0.81, 0.26, 0.03
HSL	319°, 93%, 57%
HSV	319°, 81%, 97%
XYZ	47.9865, 25.1888, 47.6802
YIQ	121.8310, 75.4980, 85.5300

Conversions

Conversions Part 2

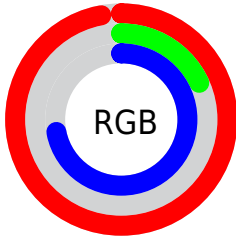
Format	Color
R _{YB}	247, 46, 184
Decimal	16199352
CIE _{Lab}	57.26, 82.36, -25.57
CIE _{LCh}	57, 86.241, 342.754
Yxy	25.1888, 0.3971, 0.2084
Android (android.graphics.Color)	4294389432 (0xFFFF72EB8)
YUV	121.8310, 30.6493, 109.7732
Hunter-Lab	50.1885, 82.8386, -21.1949

Details

The RGB color **247, 46, 184** 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 **46, 247, 109**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **255, 116, 240**, and **186, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **247, 21, 176**, and if you desaturate by 10%, it is **247, 71, 192**.

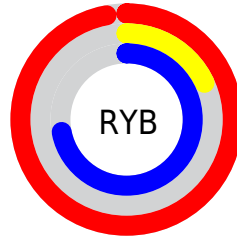
Distribution



Red (97%)

Green (18%)

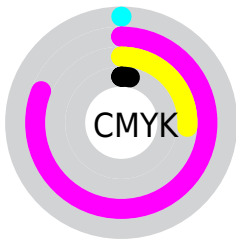
Blue (72%)



Red (97%)

Yellow (18%)

Blue (72%)

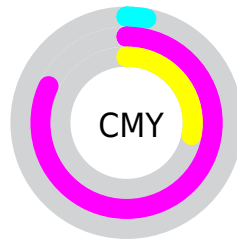


Cyan (0%)

Magenta (81%)

Yellow (26%)

Black (3%)



Cyan (3%)

Magenta (82%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 46, 184 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 RGB color 247, 46, 184 by changing the saturation by 10% instead.



247, 46, 184



247, 46, 184

255, 255, 255



216, 0, 157



255, 116, 240



186, 0, 131



255, 147, 255



156, 0, 105



255, 177, 255



126, 0, 81



255, 207, 255



97, 0, 58



255, 237, 255



69, 0, 36



39, 0, 10



0, 0, 0



247, 46, 184



247, 46, 184

■ 247, 21, 176

■ 247, 71, 192

■ 247, 0, 170

■ 247, 95, 199

■ 247, 120, 207

■ 247, 145, 215

■ 247, 170, 223

■ 247, 194, 230

■ 247, 219, 238

■ 247, 244, 246

■ 247, 255, 254

Harmonies

Analogous

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



177, 99, 250



247, 46, 184



255, 23, 109

Triad

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



247, 46, 184



137, 144, 0



0, 168, 239

Complementary

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



247, 46, 184



46, 247, 109

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, 169, 169



247, 46, 184



33, 159, 0

Square

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



247, 46, 184



201, 118, 0



0, 167, 90



0, 158, 255

Rectangle

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



247, 46, 184



255, 59, 61



0, 167, 90



0, 169, 218

Sweetspot

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



247, 46, 184



255, 194, 236



106, 46, 247



128, 91, 116



0, 0, 0



128, 128, 128

Same Dimension

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



247, 46, 184



255, 5, 177



247, 46, 86



122, 110, 119



186, 0, 128



59, 0, 40

Inverse Universe

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



247, 46, 184



255, 5, 177



46, 247, 207



122, 110, 119



186, 0, 128



59, 0, 40

Previews

White Background



This preview shows how the RGB color 247, 46, 184 looks on a white background.

Color Contrast Check

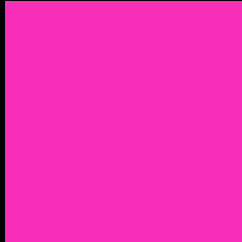
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 247, 46, 184 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](#).

RGB 247, 46, 184 Background



This preview shows how black text looks on a background with the RGB color 247, 46, 184.

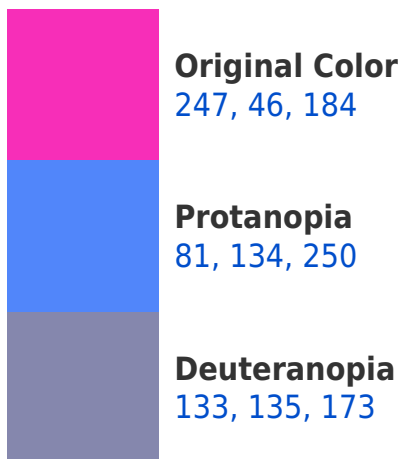


This preview shows how white text looks on a background with the RGB color 247, 46, 184.

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
239, 82, 87

Trichromacy



Original Color

247, 46, 184



Protanomaly

141, 102, 226



Deuteranomaly

174, 103, 177



Tritanomaly

242, 69, 122

Monochromacy



Original Color

247, 46, 184



Achromatopsia

122, 122, 122



Achromatomaly

167, 94, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 46, 184 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(247, 46, 184) looks like.

```
.text, #text, p{  
    color:rgb(247, 46, 184)  
}
```

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(247, 46, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 46, 184) }
```

Border

The CSS property to change the border of an element to RGB 247, 46, 184 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(247, 46, 184) }
```

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

```
.border{ border-color:rgb(247, 46, 184) }
```

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

Here you see how a box with a 4 pixel rgb(247, 46, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 46, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 46, 184);  
box-shadow:4px 4px 4px 4px rgb(247, 46,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 247, 46, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 46, 184) }
```

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

```
.background{ background-color: rgb(247, 46,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor