

Converting Colors

`RYB(250, 44, 216)`

Have a look what the booklet for
RYB(250, 44, 216) contains.

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Color

R_YB(250, 44, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FA2CD8
RGB	250, 44, 216
RGB Percent	98%, 17%, 85%
CMY	0.0196, 0.8275, 0.1529
CMYK	0.00, 0.82, 0.14, 0.02
HSL	310°, 95%, 58%
HSV	310°, 82%, 98%
XYZ	52.7197, 27.0832, 67.4147
YIQ	125.2020, 67.5640, 97.1640

Conversions

Conversions Part 2

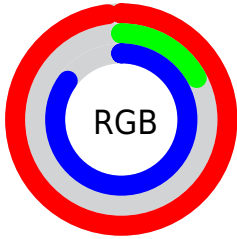
Format	Color
R_{YB}	250, 44, 216
Decimal	16395480
CIE _{Lab}	59.05, 87.32, -41.06
CIE _{LCh}	59, 96.493, 334.814
Yxy	27.0832, 0.3581, 0.1840
Android (android.graphics.Color)	4294585560 (0xFFFA2CD8)
YUV	125.2020, 44.7634, 109.4478
Hunter-Lab	52.0415, 89.7533, -40.3753

Details

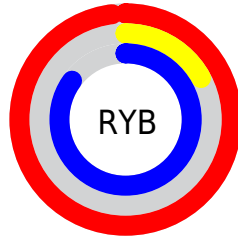
The RYB color **250, 44, 216** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **44, 221, 250**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 116, 255**, and **189, 0, 161** is the 20% darker color. If you saturate the color by 10%, you get **250, 19, 212**, and if you desaturate by 10%, it is **250, 69, 220**.

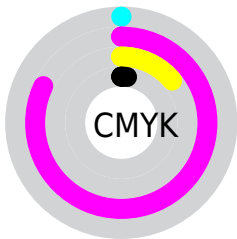
Distribution



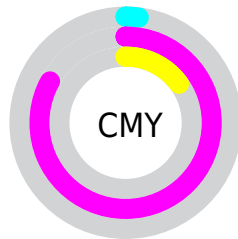
- Red (98%)
- Green (17%)
- Blue (85%)



- Red (98%)
- Yellow (17%)
- Blue (85%)



- Cyan (0%)
- Magenta (82%)
- Yellow (14%)
- Black (2%)



















- Cyan (2%)
- Magenta (83%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 44, 216 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, 44, 216 by changing the saturation by 10% instead.

 250, 44, 216	 250, 44, 216
255, 255, 255	 219, 0, 188
 255, 116, 255	 189, 0, 161
 255, 148, 255	 159, 0, 134
 255, 178, 255	 129, 0, 108
 255, 209, 255	 100, 0, 83
 255, 239, 255	 73, 0, 60
	 42, 0, 37
	 0, 0, 12
	 0, 0, 0

■ 250, 44, 216

■ 250, 44, 216

■ 250, 19, 212

■ 250, 69, 220

■ 250, 0, 209

■ 250, 94, 224

■ 250, 119, 228

■ 250, 144, 233

■ 250, 169, 237

■ 250, 194, 241

■ 250, 219, 245

■ 250, 244, 249

■ 250, 253, 255

Harmonies

Analogous

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



150, 111, 255



250, 44, 216



255, 0, 133

Triad

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



250, 44, 216



19, 161, 0



0, 101, 238

Complementary

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



250, 44, 216



44, 221, 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, 94, 176



250, 44, 216



0, 163, 99

Square

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



250, 44, 216



228, 209, 0



0, 126, 172



0, 102, 255

Rectangle

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



250, 44, 216



255, 1, 78



0, 126, 172



0, 96, 212

Sweetspot

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



250, 44, 216



255, 191, 244



75, 44, 250



128, 89, 121



0, 0, 0



128, 128, 128

Same Dimension

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



250, 44, 216



255, 3, 213



250, 44, 116



125, 112, 123



189, 0, 158



61, 0, 51

Inverse Universe

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



250, 44, 216



255, 3, 213



44, 169, 250



125, 112, 123



189, 0, 158



61, 0, 51

Previews

White Background



This preview shows how the RYB color 250, 44, 216 looks on a white background.

Color Contrast Check

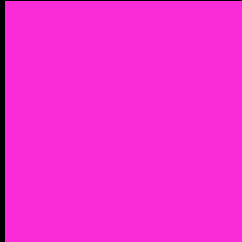
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44, 216 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, 44, 216 Background



This preview shows how black text looks on a background with the RYB color 250, 44, 216.



This preview shows how white text looks on a background with the RYB color 250, 44, 216.

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, 44, 216

Protanopia
85, 126, 255

Deuteranopia
119, 136, 204



Tritanopia
239, 92, 98

Trichromacy



Original Color

250, 44, 216



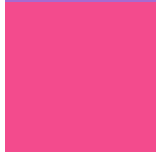
Protanomaly

145, 104, 241



Deuteranomaly

167, 106, 208



Tritanomaly

243, 75, 141

Monochromacy



Original Color

250, 44, 216



Achromatopsia

125, 125, 125



Achromatomaly

170, 96, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 44, 216 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, 44, 216) looks like.

```
.text, #text, p{  
    color:rgb(250, 44, 216)  
}
```

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, 44, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 44, 216) }
```

Border

The CSS property to change the border of an element to RYB 250, 44, 216 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, 44, 216) }
```

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

```
.border{ border-color:rgb(250, 44, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 44, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 44, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 44, 216);  
box-shadow:4px 4px 4px 4px rgb(250, 44,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 250, 44, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 44, 216) }
```

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

```
.background{ background-color: rgb(250, 44,  
216) }
```

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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