

Converting Colors

`RYB(245, 0, 184)`

Have a look what the booklet for
RYB(245, 0, 184) contains.

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Color

R_YB(245, 0, 184)

Conversions

Conversions Part 1

Format	Color
Hex	F500B8
RGB	245, 0, 184
RGB Percent	96%, 0%, 72%
CMY	0.0392, 1.0000, 0.2784
CMYK	0.00, 1.00, 0.25, 0.04
HSL	315°, 100%, 48%
HSV	315°, 100%, 96%
XYZ	46.3079, 22.8732, 47.3217
YIQ	94.2310, 86.9560, 109.1640

Conversions

Conversions Part 2

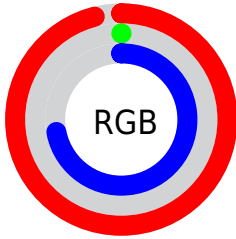
Format	Color
RYB	245, 0, 184
Decimal	16056504
CIELab	54.94, 87.66, -29.18
CIELCh	55, 92.385, 341.587
Yxy	22.8732, 0.3975, 0.1963
Android (android.graphics.Color)	4294246584 (0xFFFF500B8)
YUV	94.2310, 44.2561, 132.2244
Hunter-Lab	47.8259, 89.1391, -25.1868

Details

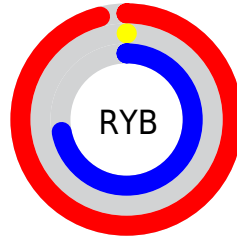
The RYB color **245, 0, 184** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **0, 196, 245**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **255, 100, 240**, and **183, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **245, 0, 184**, and if you desaturate by 10%, it is **245, 24, 190**.

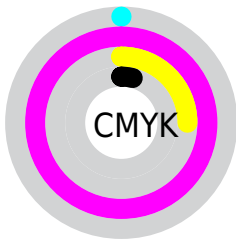
Distribution



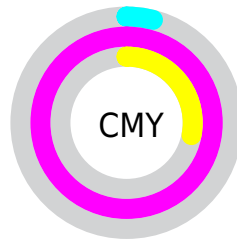
- Red (96%)
- Green (0%)
- Blue (72%)



- Red (96%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 0, 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 RYB color 245, 0, 184 by changing the saturation by 10% instead.

 245, 0, 184

 245, 0, 184

255, 255, 255

 214, 0, 157

 255, 100, 240

 183, 0, 131

 255, 132, 255

 153, 0, 105

 255, 163, 255

 123, 0, 81

 255, 194, 255

 94, 0, 57

 255, 224, 255

 65, 0, 35

 35, 0, 9

 0, 0, 0

 245, 0, 184

■ 245, 24, 190

■ 245, 49, 196

■ 245, 74, 202

■ 245, 98, 208

■ 245, 123, 215

■ 245, 147, 221

■ 245, 171, 227

■ 245, 196, 233

■ 245, 221, 239

Harmonies

Analogous

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



168, 91, 253



245, 0, 184



255, 0, 105

Triad

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



245, 0, 184



0, 138, 6



0, 97, 237

Complementary

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



245, 0, 184



0, 196, 245

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, 83, 164



245, 0, 184



0, 154, 154

Square

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



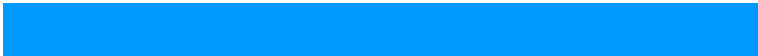
245, 0, 184



164, 199, 0



0, 109, 161



0, 96, 255

Rectangle

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



245, 0, 184



255, 29, 53



0, 109, 161



0, 93, 214

Sweetspot

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



245, 0, 184



255, 179, 236



57, 0, 245



128, 82, 116



0, 0, 0



128, 128, 128

Same Dimension

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



245, 0, 184



255, 0, 192



245, 0, 65



122, 110, 119



186, 0, 140



59, 0, 44

Inverse Universe

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



245, 0, 184



255, 0, 192



0, 141, 245



122, 110, 119



186, 0, 140



59, 0, 44

Previews

White Background



This preview shows how the RYB color 245, 0, 184 looks on a white background.

Color Contrast Check

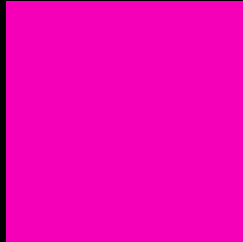
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 245, 0, 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](#).

R Y B 245, 0, 184 Background



This preview shows how black text looks on a background with the R Y B color 245, 0, 184.

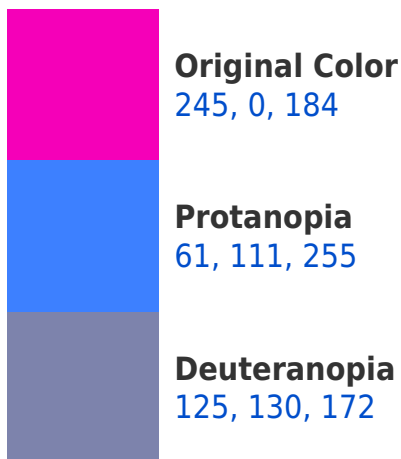


This preview shows how white text looks on a background with the R Y B color 245, 0, 184.

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
237, 73, 76

Trichromacy



Original Color

245, 0, 184



Protanomaly

128, 82, 229



Deuteranomaly

169, 83, 176



Tritanomaly

240, 46, 115

Monochromacy



Original Color

245, 0, 184



Achromatopsia

94, 94, 94



Achromatomaly

149, 60, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 0, 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(245, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 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(245, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 184) }
```

Border

The CSS property to change the border of an element to RYB 245, 0, 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(245, 0, 184) }
```

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

```
.border{ border-color:rgb(245, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 245, 0, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 184) }
```

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

```
.background{ background-color: rgb(245, 0,  
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](#).

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