

Converting Colors

`RYB(246, 7, 193)`

Have a look what the booklet for
RYB(246, 7, 193) contains.

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Color

R_YB(246, 7, 193)

Conversions

Conversions Part 1

Format	Color
Hex	F607C1
RGB	246, 7, 193
RGB Percent	96%, 3%, 76%
CMY	0.0353, 0.9725, 0.2431
CMYK	0.00, 0.97, 0.22, 0.04
HSL	313°, 94%, 50%
HSV	313°, 97%, 96%
XYZ	47.7077, 23.5950, 52.4919
YIQ	99.6650, 82.7380, 108.5140

Conversions

Conversions Part 2

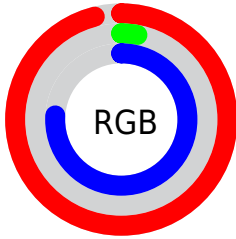
Format	Color
RYB	246, 7, 193
Decimal	16123841
CIELab	55.68, 88.40, -33.24
CIELCh	56, 94.438, 339.394
Yxy	23.5950, 0.3854, 0.1906
Android (android.graphics.Color)	4294313921 (0xFFFF607C1)
YUV	99.6650, 46.0142, 128.3358
Hunter-Lab	48.5747, 90.3079, -30.0690

Details

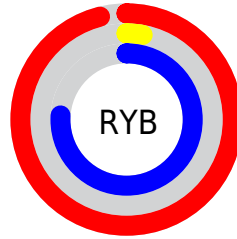
The RYB color **246, 7, 193** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **7, 203, 246**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **255, 102, 250**, and **184, 0, 139** is the 20% darker color. If you saturate the color by 10%, you get **246, 0, 191**, and if you desaturate by 10%, it is **246, 32, 198**.

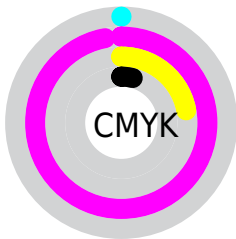
Distribution



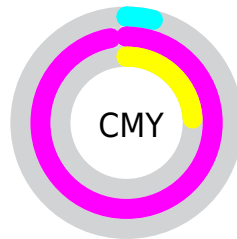
- Red (96%)
- Green (3%)
- Blue (76%)



- Red (96%)
- Yellow (3%)
- Blue (76%)



- Cyan (0%)
- Magenta (97%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (97%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 7, 193 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 246, 7, 193 by changing the saturation by 10% instead.

 246, 7, 193

 246, 7, 193

255, 255, 255

 215, 0, 166

 255, 102, 250

 184, 0, 139

 255, 134, 255

 154, 0, 113

 255, 165, 255

 124, 0, 88

 255, 196, 255

 95, 0, 64

 255, 226, 255

 67, 0, 42

 37, 0, 19

 0, 0, 0

 246, 7, 193

 246, 7, 193

■ 246, 0, 191

■ 246, 32, 198

■ 246, 56, 204

■ 246, 81, 209

■ 246, 105, 215

■ 246, 130, 220

■ 246, 155, 226

■ 246, 179, 231

■ 246, 204, 237

■ 246, 228, 242

Harmonies

Analogous

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



162, 95, 255



246, 7, 193



255, 0, 112

Triad

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



246, 7, 193



0, 139, 0



0, 98, 237

Complementary

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



246, 7, 193



7, 203, 246

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, 85, 166



246, 7, 193



0, 155, 131

Square

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



246, 7, 193



193, 207, 0



0, 114, 163



0, 98, 255

Rectangle

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



246, 7, 193



255, 13, 59



0, 114, 163



0, 94, 213

Sweetspot

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



246, 7, 193



255, 181, 239



59, 7, 246



128, 83, 118



0, 0, 0



128, 128, 128

Same Dimension

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



246, 7, 193



255, 0, 198



246, 7, 75



122, 110, 120



186, 0, 145



59, 0, 46

Inverse Universe

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



246, 7, 193



255, 0, 198



7, 146, 246



122, 110, 120



186, 0, 145



59, 0, 46

Previews

White Background



This preview shows how the RYB color 246, 7, 193 looks on a white background.

Color Contrast Check

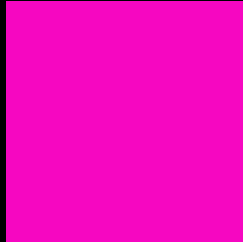
Large Text (above 18pt) WCAG AA ✓ Pass

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 246, 7, 193 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 246, 7, 193 Background



This preview shows how black text looks on a background with the R Y B color 246, 7, 193.

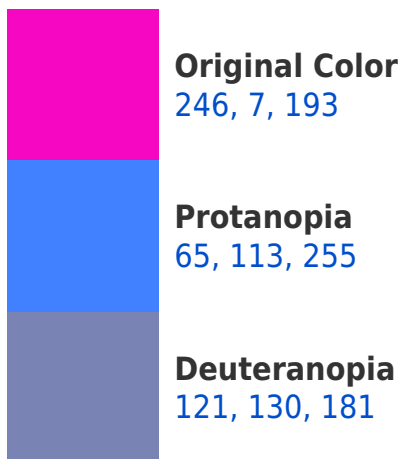


This preview shows how white text looks on a background with the R Y B color 246, 7, 193.

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, 76, 80

Trichromacy



Original Color

246, 7, 193



Protanomaly

131, 85, 232



Deuteranomaly

166, 87, 185



Tritanomaly

240, 51, 121

Monochromacy



Original Color

246, 7, 193



Achromatopsia

100, 100, 100



Achromatomaly

153, 66, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 7, 193 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(246, 7, 193)` looks like.

```
.text, #text, p{  
    color:rgb(246, 7, 193)  
}
```

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(246, 7, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 7, 193) }
```

Border

The CSS property to change the border of an element to RYB 246, 7, 193 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(246, 7, 193) }
```

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

```
.border{ border-color:rgb(246, 7, 193) }
```

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

Here you see how a box with a 4 pixel rgb(246, 7, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 7, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 7, 193);  
box-shadow:4px 4px 4px 4px rgb(246, 7,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 246, 7, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 7, 193) }
```

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

```
.background{ background-color: rgb(246, 7,  
193) }
```

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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