

Converting Colors

`RYB(248, 7, 163)`

Have a look what the booklet for
RYB(248, 7, 163) contains.

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Color

RYB(248, 7, 163)

Conversions

Conversions Part 1

Format	Color
Hex	F807A3
RGB	248, 7, 163
RGB Percent	97%, 3%, 64%
CMY	0.0275, 0.9725, 0.3608
CMYK	0.00, 0.97, 0.34, 0.03
HSL	321°, 95%, 50%
HSV	321°, 97%, 97%
XYZ	45.3982, 22.7528, 36.6493
YIQ	96.8430, 93.5600, 99.6080

Conversions

Conversions Part 2

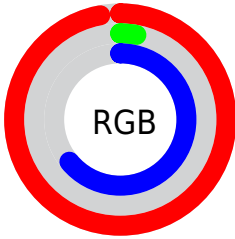
Format	Color
R_{YB}	248, 7, 163
Decimal	16254883
CIE _{Lab}	54.82, 85.60, -17.03
CIE _{LCh}	55, 87.276, 348.751
Yxy	22.7528, 0.4332, 0.2171
Android (android.graphics.Color)	4294444963 (0xFFFF807A3)
YUV	96.8430, 32.6154, 132.5647
Hunter-Lab	47.6999, 86.4123, -12.1645

Details

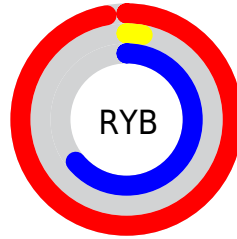
The RYB color **248, 7, 163** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **7, 185, 248**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **255, 101, 218**, and **186, 0, 111** is the 20% darker color. If you saturate the color by 10%, you get **248, 0, 161**, and if you desaturate by 10%, it is **248, 32, 172**.

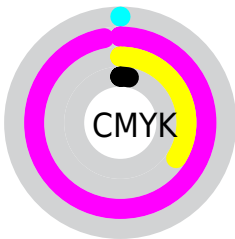
Distribution



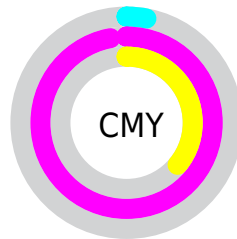
- Red (97%)
- Green (3%)
- Blue (64%)



- Red (97%)
- Yellow (3%)
- Blue (64%)



- Cyan (0%)
- Magenta (97%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (97%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 7, 163 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 248, 7, 163 by changing the saturation by 10% instead.

 248, 7, 163

 248, 7, 163

255, 255, 255

 217, 0, 137

 255, 101, 218

 186, 0, 111

 255, 133, 246

 155, 0, 87

 255, 164, 255

 125, 0, 63

 255, 194, 255

 95, 0, 41

 255, 225, 255

 66, 0, 20

 34, 0, 1

 0, 0, 0

 248, 7, 163

 248, 7, 163

■ 248, 0, 161

■ 248, 32, 172

■ 248, 57, 180

■ 248, 81, 189

■ 248, 106, 198

■ 248, 131, 207

■ 248, 156, 215

■ 248, 181, 224

■ 248, 205, 233

■ 248, 230, 242

Harmonies

Analogous

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



190, 82, 232



248, 7, 163



255, 5, 88

Triad

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



248, 7, 163



0, 142, 27



0, 97, 245

Complementary

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



248, 7, 163



7, 185, 248

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, 178



248, 7, 163



0, 155, 155

Square

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



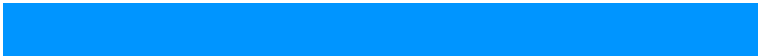
248, 7, 163



101, 183, 0



0, 100, 161



0, 94, 255

Rectangle

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



248, 7, 163



245, 63, 38



0, 100, 161



0, 94, 225

Sweetspot

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



248, 7, 163



255, 181, 229



91, 7, 248



128, 83, 112



0, 0, 0



128, 128, 128

Same Dimension

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



248, 7, 163



255, 0, 165



248, 7, 43



125, 112, 121



189, 0, 122



61, 0, 40

Inverse Universe

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



248, 7, 163



255, 0, 165



7, 137, 248



125, 112, 121



189, 0, 122



61, 0, 40

Previews

White Background



This preview shows how the RYB color 248, 7, 163 looks on a white background.

Color Contrast Check

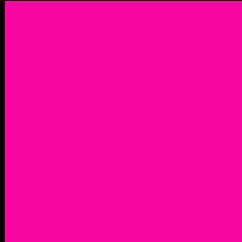
Large Text (above 18pt) WCAG AA ✓ Pass

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 248, 7, 163 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 248, 7, 163 Background



This preview shows how black text looks on a background with the R Y B color 248, 7, 163.

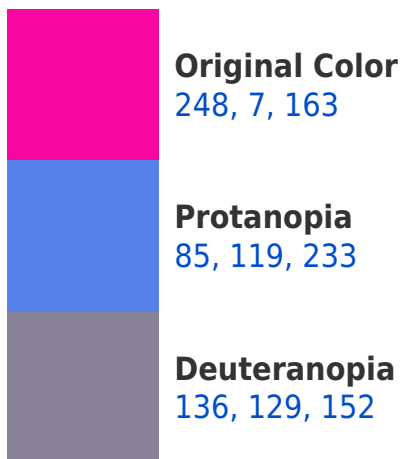


This preview shows how white text looks on a background with the R Y B color 248, 7, 163.

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
242, 65, 67

Trichromacy



Original Color

248, 7, 163



Protanomaly

144, 85, 208



Deuteranomaly

177, 85, 156



Tritanomaly

244, 44, 102

Monochromacy



Original Color

248, 7, 163



Achromatopsia

97, 97, 97



Achromatomaly

152, 64, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 7, 163 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(248, 7, 163)` looks like.

```
.text, #text, p{  
    color:rgb(248, 7, 163)  
}
```

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(248, 7, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 7, 163) }
```

Border

The CSS property to change the border of an element to RYB 248, 7, 163 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(248, 7, 163) }
```

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

```
.border{ border-color:rgb(248, 7, 163) }
```

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

Here you see how a box with a 4 pixel rgb(248, 7, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 7, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 7, 163);  
box-shadow:4px 4px 4px 4px rgb(248, 7,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 248, 7, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 7, 163) }
```

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

```
.background{ background-color: rgb(248, 7,  
163) }
```

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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