

Converting Colors

`RYB(192, 68, 125)`

Have a look what the booklet for
RYB(192, 68, 125) contains.

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Color

`RYB(192, 68, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	C0447D
RGB	192, 68, 125
RGB Percent	75%, 27%, 49%
CMY	0.2471, 0.7333, 0.5098
CMYK	0.00, 0.65, 0.35, 0.25
HSL	332°, 50%, 51%
HSV	332°, 65%, 75%
XYZ	27.5070, 16.8214, 21.1991
YIQ	111.5740, 55.6070, 44.0150

Conversions

Conversions Part 2

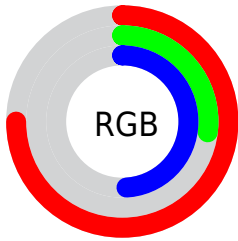
Format	Color
R_{YB}	192, 68, 125
Decimal	12600445
CIE _{Lab}	48.03, 54.72, -5.51
CIE _{LCh}	48, 54.996, 354.246
Yxy	16.8214, 0.4198, 0.2567
Android (android.graphics.Color)	4290790525 (0xFFC0447D)
YUV	111.5740, 6.6190, 70.5336
Hunter-Lab	41.0139, 47.9414, -1.9359

Details

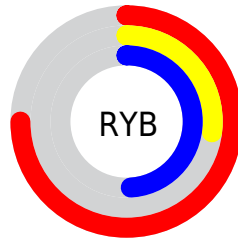
The RYB color **192, 68, 125** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **68, 149, 192**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **252, 123, 178**, and **134, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **192, 49, 115**, and if you desaturate by 10%, it is **192, 87, 135**.

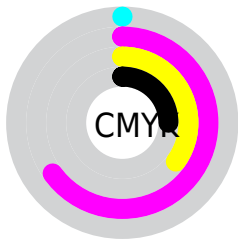
Distribution



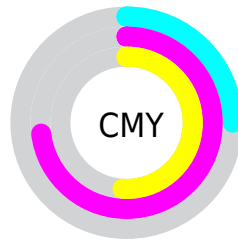
- Red (75%)
- Green (27%)
- Blue (49%)



- Red (75%)
- Yellow (27%)
- Blue (49%)



- Cyan (0%)
- Magenta (65%)
- Yellow (35%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the RYB color 192, 68, 125 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 192, 68, 125 by changing the saturation by 10% instead.

 192, 68, 125

255, 255, 255

 252, 123, 178

 255, 151, 205

 255, 179, 233

 255, 208, 255

 255, 237, 255

 192, 68, 125

 163, 38, 100

 134, 0, 76

 106, 0, 54

 78, 0, 32

 54, 0, 7

 8, 0, 0

 0, 0, 0

 192, 68, 125

 192, 49, 115

 192, 68, 125

 192, 87, 135

■ 192, 30, 104

■ 192, 106, 146

■ 192, 10, 94

■ 192, 126, 156

■ 192, 0, 88

■ 192, 145, 166

■ 192, 164, 177

■ 192, 183, 187

■ 192, 198, 202

■ 192, 212, 222

■ 192, 224, 241

Harmonies

Analogous

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



161, 84, 169



192, 68, 125



196, 71, 79

Triad

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



192, 68, 125



13, 123, 36



0, 78, 189

Complementary

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



192, 68, 125



68, 149, 192

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, 71, 151



192, 68, 125



32, 112, 131

Square

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



192, 68, 125



46, 144, 0



0, 77, 135



0, 77, 207

Rectangle

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



192, 68, 125



186, 93, 51



0, 77, 135



0, 76, 178

Sweetspot

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



192, 68, 125



250, 202, 224



134, 68, 192



125, 96, 109



252, 252, 252



125, 125, 125

Same Dimension

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



192, 68, 125



250, 55, 145



192, 72, 68



97, 87, 92



161, 0, 74



33, 0, 15

Inverse Universe

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



192, 68, 125



250, 55, 145



68, 129, 192



97, 87, 92



161, 0, 74



33, 0, 15

Previews

White Background



This preview shows how the RYB color 192, 68, 125 looks on a white background.

Color Contrast Check

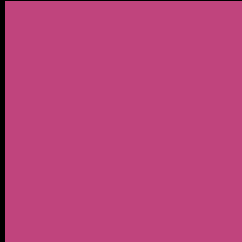
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 192, 68, 125 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 68, 125 Background



This preview shows how black text looks on a background with the RYB color 192, 68, 125.

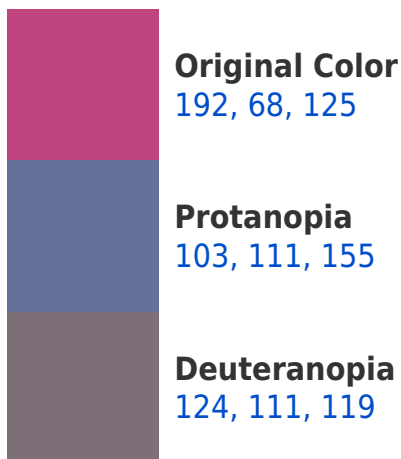


This preview shows how white text looks on a background with the RYB color 192, 68, 125.

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
189, 78, 83

Trichromacy



Original Color

192, 68, 125

Protanomaly

135, 97, 144

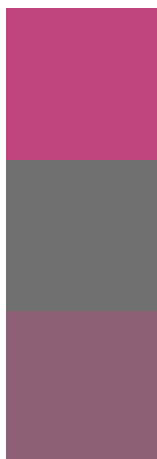
Deuteranomaly

149, 95, 121

Tritanomaly

190, 74, 98

Monochromacy



Original Color

192, 68, 125

Achromatopsia

112, 112, 112

Achromatomaly

141, 96, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 68, 125 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(192, 68, 125) looks like.

```
.text, #text, p{  
    color:rgb(192, 68, 125)  
}
```

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(192, 68, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 68, 125) }
```

Border

The CSS property to change the border of an element to RYB 192, 68, 125 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(192, 68, 125) }
```

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

```
.border{ border-color:rgb(192, 68, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 68, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 68, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 68, 125); box-shadow:4px 4px 4px 4px rgb(192, 68, 125) }
```

Background

The CSS property to change the background color of an element to RGB 192, 68, 125 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 68, 125) }
```

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

```
.background{ background-color: rgb(192, 68,  
125) }
```

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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