

Converting Colors

`RYB(194, 52, 203)`

Have a look what the booklet for RYB(194, 52, 203) contains.

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Color

R_YB(194, 52, 203)

Conversions

Conversions Part 1

Format	Color
Hex	C234CB
RGB	194, 52, 203
RGB Percent	76%, 20%, 80%
CMY	0.2392, 0.7961, 0.2039
CMYK	0.04, 0.74, 0.00, 0.20
HSL	296°, 59%, 50%
HSV	296°, 74%, 80%
XYZ	34.2556, 18.2371, 58.2146
YIQ	111.6720, 36.1610, 77.0650

Conversions

Conversions Part 2

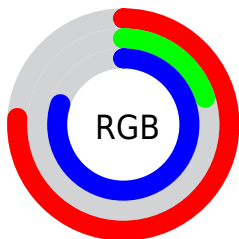
Format	Color
RYB	194, 52, 203
Decimal	12727499
CIELab	49.78, 72.28, -48.91
CIElCh	50, 87.270, 325.915
Yxy	18.2371, 0.3094, 0.1647
Android (android.graphics.Color)	4290917579 (0xFFC234CB)
YUV	111.6720, 45.0247, 72.2017
Hunter-Lab	42.7049, 68.4495, -50.9295

Details

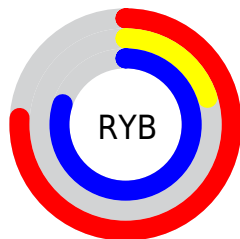
The RYB color **194, 52, 203** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52, 203, 194**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **254, 113, 255**, and **136, 0, 148** is the 20% darker color. If you saturate the color by 10%, you get **193, 32, 203**, and if you desaturate by 10%, it is **195, 72, 203**.

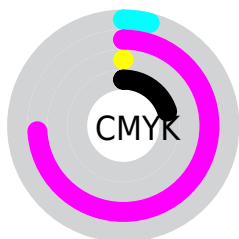
Distribution



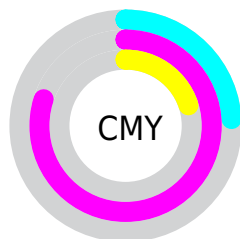
- Red (76%)
- Green (20%)
- Blue (80%)



- Red (76%)
- Yellow (20%)
- Blue (80%)



- Cyan (4%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 52, 203 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 194, 52, 203 by changing the saturation by 10% instead.

 194, 52, 203

 194, 52, 203

255, 255, 255

 165, 2, 175

 254, 113, 255

 136, 0, 148

 255, 142, 255

 108, 0, 122

 255, 171, 255

 80, 0, 96

 255, 200, 255

 55, 0, 72

 255, 230, 255

 23, 0, 48

 0, 1, 26

 0, 0, 0

 194, 52, 203

 194, 52, 203

■ 193, 32, 203

■ 195, 72, 203

■ 192, 11, 203

■ 196, 93, 203

■ 191, 0, 203

■ 198, 113, 203

■ 199, 133, 203

■ 200, 154, 203

■ 201, 174, 203

■ 202, 194, 203

■ 203, 214, 213

■ 203, 235, 233

Harmonies

Analogous

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



69, 98, 254



194, 52, 203



238, 0, 132

Triad

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



194, 52, 203



56, 153, 0



0, 82, 182

Complementary

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



194, 52, 203



52, 203, 194

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, 147



194, 52, 203



0, 133, 52

Square

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



194, 52, 203



206, 120, 0



0, 128, 143



0, 91, 242

Rectangle

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



194, 52, 203



243, 0, 83



0, 128, 143



0, 76, 157

Sweetspot

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



194, 52, 203



252, 199, 255



52, 61, 203



126, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 52, 203



241, 28, 255



203, 52, 138



101, 92, 102



156, 0, 166



36, 0, 38

Inverse Universe

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



203, 52, 61



255, 28, 42



52, 158, 203



102, 92, 92



166, 0, 10



38, 0, 2

Previews

White Background



This preview shows how the RYB color 194, 52, 203 looks on a white background.

Color Contrast Check

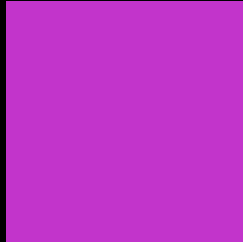
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 52, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

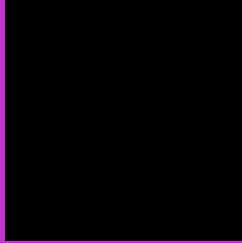
Any Text WCAG AA ✓ Pass

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 194, 52, 203 Background



This preview shows how black text looks on a background with the RYB color 194, 52, 203.

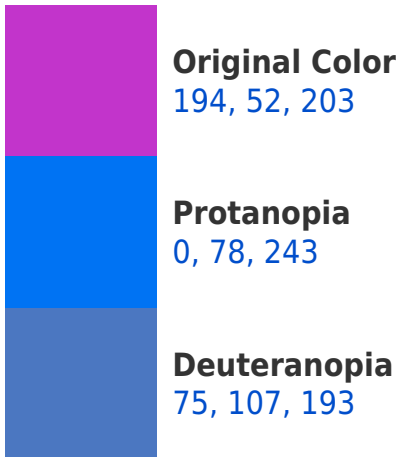



This preview shows how white text looks on a background with the RYB color 194, 52, 203.

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
181, 91, 97

Trichromacy



Original Color

194, 52, 203



Protanomaly

71, 90, 228



Deuteranomaly

118, 95, 197



Tritanomaly

186, 77, 136

Monochromacy



Original Color

194, 52, 203



Achromatopsia

112, 112, 112



Achromatomaly

142, 90, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 52, 203 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(194, 52, 203) looks like.

```
.text, #text, p{  
    color:rgb(194, 52, 203)  
}
```

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(194, 52, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 52, 203) }
```

Border

The CSS property to change the border of an element to RYB 194, 52, 203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

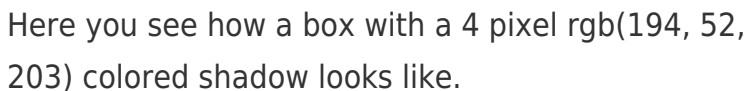
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 52, 203) }
```

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

```
.border{ border-color:rgb(194, 52, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 52, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 52, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 52, 203);  
box-shadow:4px 4px 4px 4px rgb(194, 52,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 194, 52, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 52, 203) }
```

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

```
.background{ background-color: rgb(194, 52,  
203) }
```

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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