

Converting Colors

RGB(194, 62, 129)

Have a look what the booklet for
RGB(194, 62, 129) contains.

RGB(194, 62, 129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(194, 62, 129)

Conversions

Conversions Part 1

Format	Color
Hex	C23E81
RGB	194, 62, 129
RGB Percent	76%, 24%, 51%
CMY	0.2392, 0.7569, 0.4941
CMYK	0.00, 0.68, 0.34, 0.24
HSL	330°, 52%, 50%
HSV	330°, 68%, 76%
XYZ	27.9332, 16.4996, 22.4814
YIQ	109.1060, 57.1650, 48.8210

Conversions

Conversions Part 2

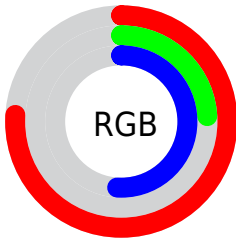
Format	Color
RYB	194, 62, 129
Decimal	12729985
CIELab	47.62, 58.19, -8.51
CIELCh	48, 58.810, 351.676
Yxy	16.4996, 0.4174, 0.2466
Android (android.graphics.Color)	4290920065 (0xFFC23E81)
YUV	109.1060, 9.8077, 74.4520
Hunter-Lab	40.6197, 51.6660, -4.3809

Details

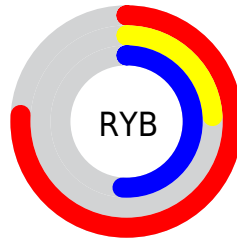
The RGB color **194, 62, 129** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **62, 194, 127**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **254, 118, 182**, and **136, 0, 80** is the 20% darker color. If you saturate the color by 10%, you get **194, 43, 119**, and if you desaturate by 10%, it is **194, 81, 139**.

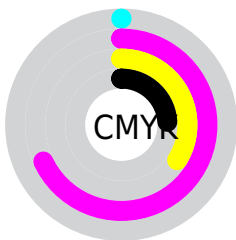
Distribution



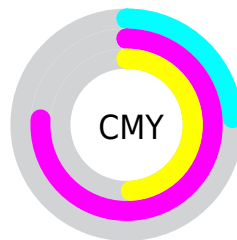
- Red (76%)
- Green (24%)
- Blue (51%)



- Red (76%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (68%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the RGB color 194, 62, 129 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 RGB color 194, 62, 129 by changing the saturation by 10% instead.

 194, 62, 129

255, 255, 255


 254, 118, 182


 255, 146, 209

 255, 175, 238

 255, 203, 255

 255, 232, 255

 194, 62, 129

 165, 30, 104

 136, 0, 80

 108, 0, 57

 80, 0, 35

 55, 0, 13

 12, 0, 0

 0, 0, 0

 194, 62, 129

 194, 43, 119

 194, 62, 129

 194, 81, 139

■ 194, 23, 110

■ 194, 101, 148

■ 194, 4, 100

■ 194, 120, 158

■ 194, 0, 98

■ 194, 140, 167

■ 194, 159, 177

■ 194, 178, 186

■ 194, 198, 196

■ 194, 217, 205

■ 194, 237, 215

Harmonies

Analogous

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



159, 82, 175



194, 62, 129



200, 64, 80

Triad

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



194, 62, 129



102, 121, 0



0, 132, 190

Complementary

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



194, 62, 129



62, 194, 127

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, 136, 148



194, 62, 129



29, 130, 46

Square

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



194, 62, 129



148, 106, 0



0, 135, 97



0, 123, 212

Rectangle

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



194, 62, 129



190, 77, 49



0, 135, 97



0, 134, 178

Sweetspot

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



194, 62, 129



252, 202, 228



126, 62, 194



128, 97, 112



0, 0, 0



128, 128, 128

Same Dimension

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



194, 62, 129



252, 45, 151



194, 62, 64



97, 87, 92



161, 0, 82



33, 0, 17

Inverse Universe

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



194, 62, 129



252, 45, 151



62, 194, 192



97, 87, 92



161, 0, 82



33, 0, 17

Previews

White Background



This preview shows how the RGB color 194, 62, 129 looks on a white background.

Color Contrast Check

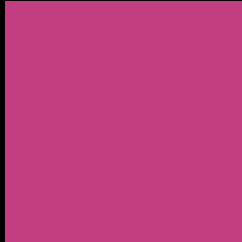
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 194, 62, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

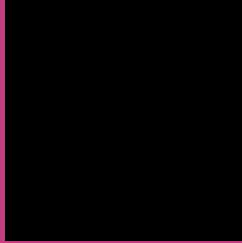
Any Text WCAG AA × Fail

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](#).

RGB 194, 62, 129 Background



This preview shows how black text looks on a background with the RGB color 194, 62, 129.

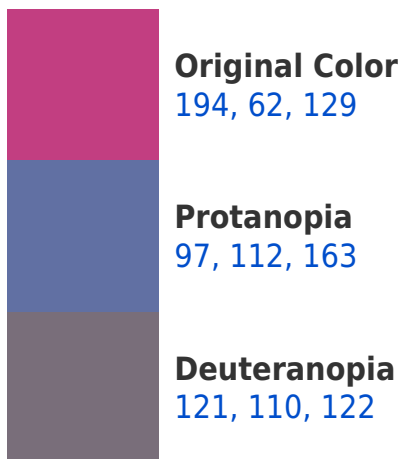


This preview shows how white text looks on a background with the RGB color 194, 62, 129.

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
190, 74, 79

Trichromacy



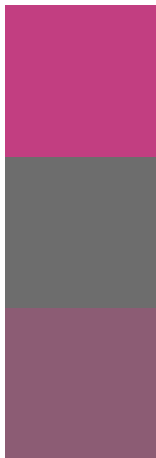
Original Color
194, 62, 129

Protanomaly
132, 94, 151

Deuteranomaly
148, 93, 125

Tritanomaly
191, 70, 97

Monochromacy



Original Color
194, 62, 129

Achromatopsia
109, 109, 109

Achromatomaly
140, 92, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 62, 129 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, 62, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 62, 129)  
}
```

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, 62, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 62, 129) }
```

Border

The CSS property to change the border of an element to RGB 194, 62, 129 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, 62, 129) }
```

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

```
.border{ border-color:rgb(194, 62, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 62, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 62, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 62, 129); box-shadow:4px 4px 4px 4px rgb(194, 62, 129) }
```

Background

The CSS property to change the background color of an element to RGB 194, 62, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 62, 129) }
```

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

```
.background{ background-color: rgb(194, 62,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor