

Converting Colors

RGB(202, 76, 96)

Have a look what the booklet for
RGB(202, 76, 96) contains.

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Color

RGB(202, 76, 96)

Conversions

Conversions Part 1

Format	Color
Hex	CA4C60
RGB	202, 76, 96
RGB Percent	79%, 30%, 38%
CMY	0.2078, 0.7020, 0.6235
CMYK	0.00, 0.62, 0.52, 0.21
HSL	350°, 54%, 55%
HSV	350°, 62%, 79%
XYZ	29.0529, 18.5700, 13.1194
YIQ	115.9540, 68.6760, 32.9320

Conversions

Conversions Part 2

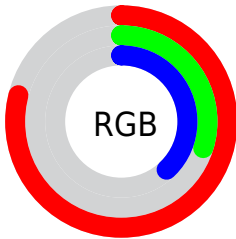
Format	Color
R_{YB}	202, 76, 96
Decimal	13257824
CIE _{Lab}	50.18, 51.55, 15.32
CIE _{LCh}	50, 53.780, 16.552
Yxy	18.5700, 0.4783, 0.3057
Android (android.graphics.Color)	4291447904 (0xFFCA4C60)
YUV	115.9540, -9.8373, 75.4623
Hunter-Lab	43.0929, 44.9307, 12.1144

Details

The RGB color **202, 76, 96** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **76, 202, 182**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **255, 130, 146**, and **143, 13, 50** is the 20% darker color. If you saturate the color by 10%, you get **202, 56, 79**, and if you desaturate by 10%, it is **202, 96, 113**.

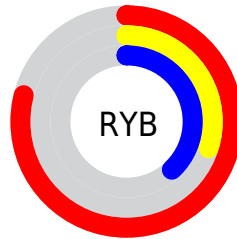
Distribution



Red (79%)

Green (30%)

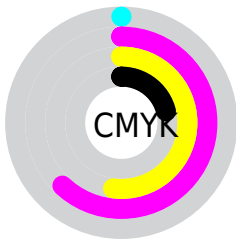
Blue (38%)



Red (79%)

Yellow (30%)

Blue (38%)

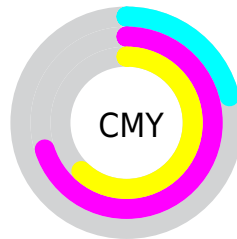


Cyan (0%)

Magenta (62%)

Yellow (52%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 76, 96 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 202, 76, 96 by changing the saturation by 10% instead.

 202, 76, 96  202, 76, 96


255, 255, 255  172, 48, 72

 255, 130, 146  143, 13, 50


 255, 158, 173  113, 0, 29

 255, 186, 200  85, 0, 4

 255, 215, 228  59, 0, 2

 255, 244, 255  21, 0, 0

 0, 0, 0

 202, 76, 96  202, 76, 96

 202, 56, 79  202, 96, 113


 202, 36, 62


 202, 116, 130


 202, 15, 45

 202, 137, 147

 202, 0, 32

 202, 157, 164

 202, 177, 181

 202, 197, 198

 202, 217, 215

 202, 238, 232

 202, 255, 249

Harmonies

Analogous

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



192, 78, 142



202, 76, 96



189, 91, 54

Triad

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



202, 76, 96



64, 135, 52



0, 130, 208

Complementary

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



202, 76, 96



76, 202, 182

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, 138, 185



202, 76, 96



0, 140, 97

Square

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



202, 76, 96



118, 125, 17



0, 141, 144



78, 116, 208

Rectangle

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



202, 76, 96



171, 104, 31



0, 141, 144



0, 134, 203

Sweetspot

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



202, 76, 96



255, 207, 214



181, 76, 202



128, 98, 103



0, 0, 0



128, 128, 128

Same Dimension

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



202, 76, 96



255, 64, 94



202, 118, 76



102, 92, 93



166, 0, 26



38, 0, 6

Inverse Universe

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



202, 76, 96



255, 64, 94



76, 160, 202



102, 92, 93



166, 0, 26



38, 0, 6

Previews

White Background



This preview shows how the RGB color 202, 76, 96 looks on a white background.

Color Contrast Check

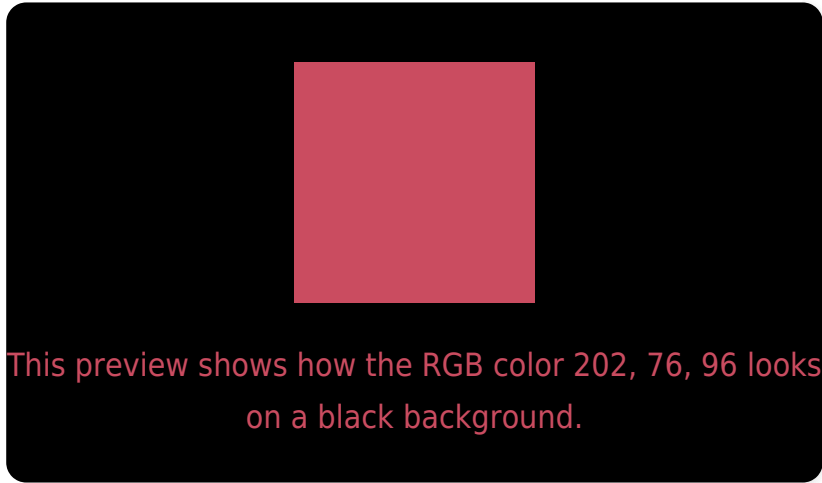
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

RGB 202, 76, 96 Background



This preview shows how black text looks on a background with the RGB color 202, 76, 96.

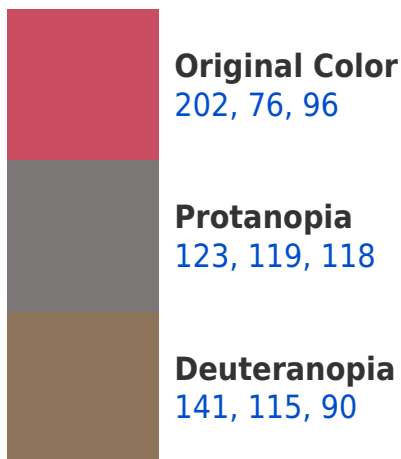


This preview shows how white text looks on a background with the RGB color 202, 76, 96.

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
201, 78, 83

Trichromacy



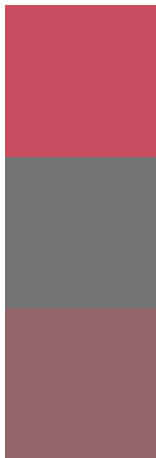
Original Color
202, 76, 96

Protanomaly
152, 103, 110

Deuteranomaly
163, 101, 92

Tritanomaly
201, 77, 88

Monochromacy



Original Color
202, 76, 96

Achromatopsia
116, 116, 116

Achromatomaly
147, 101, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 76, 96 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(202, 76, 96)` looks like.

```
.text, #text, p{  
    color:rgb(202, 76, 96)  
}
```

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(202, 76, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 76, 96) }
```

Border

The CSS property to change the border of an element to RGB 202, 76, 96 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(202, 76, 96) }
```

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

```
.border{ border-color:rgb(202, 76, 96) }
```

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

Here you see how a box with a 4 pixel rgb(202, 76, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 76, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 76, 96);  
box-shadow:4px 4px 4px 4px rgb(202, 76,  
96) }
```

Background

The CSS property to change the background color of an element to RGB 202, 76, 96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 76, 96) }
```

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

```
.background{ background-color: rgb(202, 76,  
96) }
```

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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