

Converting Colors

RGB(200, 96, 117)

Have a look what the booklet for
RGB(200, 96, 117) contains.

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Color

RGB(200, 96, 117)

Conversions

Conversions Part 1

Format	Color
Hex	C86075
RGB	200, 96, 117
RGB Percent	78%, 38%, 46%
CMY	0.2157, 0.6235, 0.5412
CMYK	0.00, 0.52, 0.42, 0.22
HSL	348°, 49%, 58%
HSV	348°, 52%, 78%
XYZ	31.2132, 21.9295, 19.4173
YIQ	129.4900, 55.2430, 28.5790

Conversions

Conversions Part 2

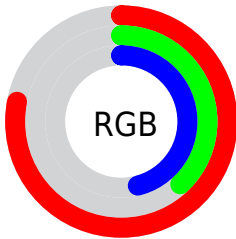
Format	Color
R _{YB}	200, 96, 117
Decimal	13131893
CIE _{Lab}	53.95, 43.44, 8.03
CIE _{LCh}	54, 44.180, 10.476
Yxy	21.9295, 0.4302, 0.3022
Android (android.graphics.Color)	4291321973 (0xFFC86075)
YUV	129.4900, -6.1576, 61.8373
Hunter-Lab	46.8289, 37.0262, 8.1960

Details

The RGB color **200, 96, 117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **96, 200, 179**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 149, 169**, and **142, 44, 69** is the 20% darker color. If you saturate the color by 10%, you get **200, 76, 101**, and if you desaturate by 10%, it is **200, 116, 133**.

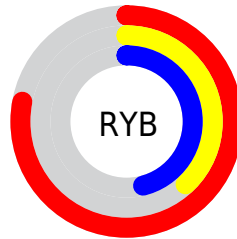
Distribution



Red (78%)

Green (38%)

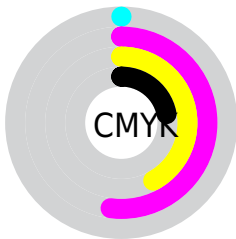
Blue (46%)



Red (78%)

Yellow (38%)

Blue (46%)

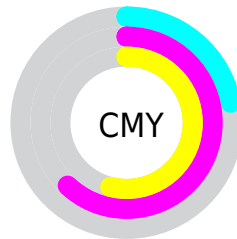


Cyan (0%)

Magenta (52%)

Yellow (42%)

Black (22%)



Cyan (22%)

Magenta (62%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 96, 117 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 200, 96, 117 by changing the saturation by 10% instead.


 200, 96, 117  200, 96, 117

255, 255, 255  171, 70, 92

 255, 149, 169  142, 44, 69

 255, 177, 196  114, 13, 47

 255, 205, 224  87, 0, 26

 255, 234, 253  61, 0, 0

 31, 0, 1


 0, 0, 0


 200, 96, 117  200, 96, 117


 200, 76, 101  200, 116, 133


 200, 56, 85

 200, 136, 149


 200, 36, 69

 200, 156, 165

 200, 16, 53

 200, 176, 181

 200, 0, 40

 200, 196, 197

 200, 216, 213

 200, 236, 229

 200, 255, 245

 200, 255, 255

Harmonies

Analogous

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



186, 100, 155



200, 96, 117



194, 104, 81

Triad

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



200, 96, 117



97, 141, 68



0, 140, 200

Complementary

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



200, 96, 117



96, 200, 179

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, 146, 177



200, 96, 117



33, 146, 102

Square

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



200, 96, 117



138, 131, 50



0, 148, 142



86, 129, 204

Rectangle

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



200, 96, 117



180, 113, 63



0, 148, 142



0, 143, 195

Sweetspot

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



200, 96, 117



255, 214, 222



177, 96, 200



128, 103, 108



0, 0, 0



128, 128, 128

Same Dimension

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



200, 96, 117



255, 97, 129



200, 125, 96



99, 90, 92



163, 0, 33



36, 0, 7

Inverse Universe

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



200, 96, 117



255, 97, 129



96, 171, 200



99, 90, 92



163, 0, 33



36, 0, 7

Previews

White Background



This preview shows how the RGB color 200, 96, 117 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 RGB color 200, 96, 117 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](#).

RGB 200, 96, 117 Background



This preview shows how black text looks on a background with the RGB color 200, 96, 117.



This preview shows how white text looks on a background with the RGB color 200, 96, 117.

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



Original Color
200, 96, 117

Protanopia
130, 129, 135

Deuteranopia
148, 125, 112



Tritanopia
199, 98, 105

Trichromacy



Original Color
200, 96, 117

Protanomaly
155, 117, 128

Deuteranomaly
167, 114, 114

Tritanomaly
199, 97, 109

Monochromacy



Original Color
200, 96, 117

Achromatopsia
129, 129, 129

Achromatomaly
155, 117, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 96, 117 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(200, 96, 117)` looks like.

```
.text, #text, p{  
    color:rgb(200, 96, 117)  
}
```

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(200, 96, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 96, 117) }
```

Border

The CSS property to change the border of an element to RGB 200, 96, 117 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(200, 96, 117) }
```

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

```
.border{ border-color:rgb(200, 96, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 96, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 96, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 96, 117);  
box-shadow:4px 4px 4px 4px rgb(200, 96,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 200, 96, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 96, 117) }
```

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

```
.background{ background-color: rgb(200, 96,  
117) }
```

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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