

Converting Colors

RGB(213, 123, 155)

Have a look what the booklet for
RGB(213, 123, 155) contains.

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Color

RGB(213, 123, 155)

Conversions

Conversions Part 1

Format	Color
Hex	D57B9B
RGB	213, 123, 155
RGB Percent	84%, 48%, 61%
CMY	0.1647, 0.5176, 0.3922
CMYK	0.00, 0.42, 0.27, 0.16
HSL	339°, 52%, 66%
HSV	339°, 42%, 84%
XYZ	40.4399, 30.6786, 34.8005
YIQ	153.5580, 43.3680, 29.0320

Conversions

Conversions Part 2

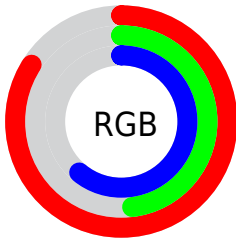
Format	Color
R_{YB}	213, 123, 155
Decimal	13990811
CIE Lab	62.24, 38.84, -1.85
CIE LCh	62, 38.886, 357.267
Yxy	30.6786, 0.3818, 0.2896
Android (android.graphics.Color)	4292180891 (0xFFD57B9B)
YUV	153.5580, 0.7109, 52.1306
Hunter-Lab	55.3883, 33.3964, 1.5198

Details

The RGB color **213, 123, 155** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **123, 213, 181**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 177, 209**, and **156, 72, 104** is the 20% darker color. If you saturate the color by 10%, you get **213, 102, 141**, and if you desaturate by 10%, it is **213, 144, 169**.

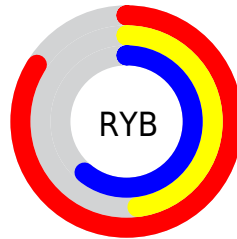
Distribution



Red (84%)

Green (48%)

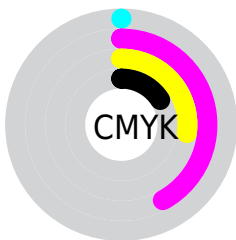
Blue (61%)



Red (84%)

Yellow (48%)

Blue (61%)

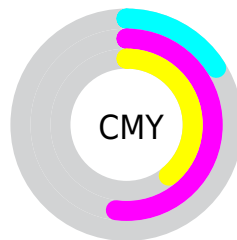


Cyan (0%)

Magenta (42%)

Yellow (27%)

Black (16%)



Cyan (16%)

Magenta (52%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 123, 155 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 213, 123, 155 by changing the saturation by 10% instead.

 213, 123, 155

255, 255, 255

 255, 177, 209

 255, 205, 238

 255, 234, 255

 213, 123, 155

 184, 97, 129

 156, 72, 104

 129, 46, 80

 102, 19, 57

 75, 0, 36

 52, 0, 14

 14, 0, 0


 0, 0, 0


 213, 123, 155


 213, 123, 155

 213, 102, 141


 213, 144, 169

 213, 80, 128


 213, 166, 182

 213, 59, 114

 213, 187, 196

 213, 38, 100

 213, 208, 210

 213, 17, 86

 213, 230, 224

 213, 0, 76

 213, 251, 237

 213, 255, 251

 213, 255, 255

Harmonies

Analogous

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



191, 130, 188



213, 123, 155



216, 125, 121

Triad

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



213, 123, 155



140, 158, 88



0, 164, 208

Complementary

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



213, 123, 155



123, 213, 181

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, 168, 181



213, 123, 155



99, 165, 112

Square

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



213, 123, 155



175, 147, 81



42, 168, 146



90, 155, 219

Rectangle

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



213, 123, 155



208, 131, 101



42, 168, 146



0, 166, 200

Sweetspot

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



213, 123, 155



255, 222, 234



180, 123, 213



128, 107, 114



0, 0, 0



128, 128, 128

Same Dimension

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



213, 123, 155



255, 125, 171



213, 135, 123



107, 96, 100



171, 0, 61



43, 0, 15

Inverse Universe

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



213, 123, 155



255, 125, 171



123, 201, 213



107, 96, 100



171, 0, 61



43, 0, 15

Previews

White Background



This preview shows how the RGB color 213, 123, 155 looks on a white background.

Color Contrast Check

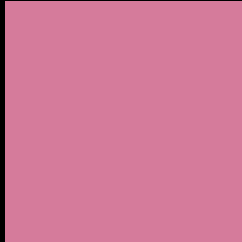
Large Text (above 18pt) WCAG AA × Fail

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 213, 123, 155 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 ✓ Pass

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

RGB 213, 123, 155 Background



This preview shows how black text looks on a background with the RGB color 213, 123, 155.



This preview shows how white text looks on a background with the RGB color 213, 123, 155.

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
213, 123, 155

Protanopia
147, 150, 171

Deuteranopia
165, 146, 151



Tritanopia
211, 126, 136

Trichromacy



Original Color
213, 123, 155

Protanomaly
171, 140, 165

Deuteranomaly
182, 138, 152

Tritanomaly
212, 125, 143

Monochromacy



Original Color
213, 123, 155

Achromatopsia
154, 154, 154

Achromatomaly
175, 143, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 123, 155 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(213, 123, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 123, 155)  
}
```

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(213, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 123, 155) }
```

Border

The CSS property to change the border of an element to RGB 213, 123, 155 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(213, 123, 155) }
```

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

```
.border{ border-color:rgb(213, 123, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 123, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 123, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 123,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 213, 123, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 123, 155) }
```

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

```
.background{ background-color: rgb(213,  
123, 155) }
```

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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