

Converting Colors

RGB(209, 110, 160)

Have a look what the booklet for
RGB(209, 110, 160) contains.

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Color

RGB(209, 110, 160)

Conversions

Conversions Part 1

Format	Color
Hex	D16EA0
RGB	209, 110, 160
RGB Percent	82%, 43%, 63%
CMY	0.1804, 0.5686, 0.3725
CMYK	0.00, 0.47, 0.23, 0.18
HSL	330°, 52%, 63%
HSV	330°, 47%, 82%
XYZ	38.2156, 27.2452, 36.5024
YIQ	145.3010, 42.9540, 36.5380

Conversions

Conversions Part 2

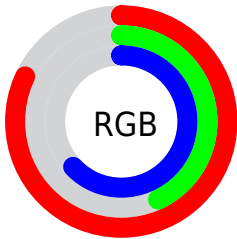
Format	Color
R_{YB}	209, 110, 160
Decimal	13725344
CIE _{Lab}	59.20, 44.90, -9.28
CIE _{LCh}	59, 45.846, 348.321
Yxy	27.2452, 0.3748, 0.2672
Android (android.graphics.Color)	4291915424 (0xFFD16EA0)
YUV	145.3010, 7.2466, 55.8640
Hunter-Lab	52.1970, 39.3426, -4.9248

Details

The RGB color **209, 110, 160** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **110, 209, 159**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 164, 215**, and **152, 58, 109** is the 20% darker color. If you saturate the color by 10%, you get **209, 89, 150**, and if you desaturate by 10%, it is **209, 131, 170**.

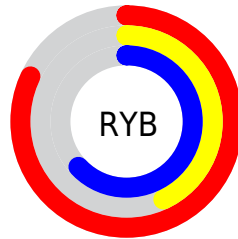
Distribution



Red (82%)

Green (43%)

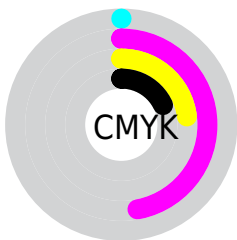
Blue (63%)



Red (82%)

Yellow (43%)

Blue (63%)

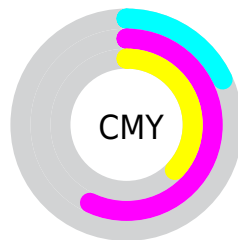


Cyan (0%)

Magenta (47%)

Yellow (23%)

Black (18%)



Cyan (18%)

Magenta (57%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 110, 160 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 209, 110, 160 by changing the saturation by 10% instead.

 209, 110, 160

255, 255, 255

 255, 164, 215


 255, 192, 243

 255, 220, 255

 255, 249, 255


 209, 110, 160

 180, 84, 134

 152, 58, 109

 125, 30, 84

 98, 0, 61

 71, 0, 39

 49, 0, 19

 0, 0, 0

 209, 110, 160

 209, 89, 150

 209, 110, 160

 209, 131, 170

209, 68, 139

209, 152, 181

209, 47, 129

209, 173, 191

209, 26, 119

209, 194, 201

209, 6, 108

209, 215, 212

209, 0, 106

209, 235, 222

209, 255, 232

209, 255, 243

209, 255, 253

Harmonies

Analogous

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



176, 122, 196



209, 110, 160



218, 109, 119

Triad

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



209, 110, 160



142, 148, 63



0, 160, 202

Complementary

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



209, 110, 160



110, 209, 159

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, 163, 167



209, 110, 160



95, 157, 87

Square

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



209, 110, 160



179, 135, 62



0, 162, 125



0, 151, 221

Rectangle

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



209, 110, 160



212, 115, 95



0, 162, 125



0, 161, 191

Sweetspot

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



209, 110, 160



255, 219, 237



158, 110, 209



128, 106, 117



0, 0, 0



128, 128, 128

Same Dimension

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



209, 110, 160



255, 110, 183



209, 110, 112



105, 94, 99



168, 0, 85



41, 0, 21

Inverse Universe

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



209, 110, 160



255, 110, 183



110, 209, 207



105, 94, 99



168, 0, 85



41, 0, 21

Previews

White Background



This preview shows how the RGB color 209, 110, 160 looks on a white background.

Color Contrast Check

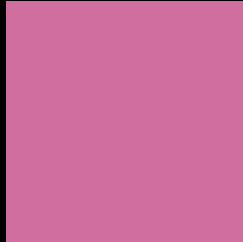
Large Text (above 18pt) WCAG AA ✓ Pass

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 209, 110, 160 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 209, 110, 160 Background



This preview shows how black text looks on a background with the RGB color 209, 110, 160.



This preview shows how white text looks on a background with the RGB color 209, 110, 160.

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
209, 110, 160

Protanopia
133, 141, 181

Deuteranopia
151, 139, 155



Tritanopia
206, 117, 125

Trichromacy



Original Color

209, 110, 160



Protanomaly

161, 130, 173



Deuteranomaly

172, 128, 157



Tritanomaly

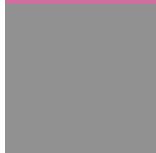
207, 114, 138

Monochromacy



Original Color

209, 110, 160



Achromatopsia

145, 145, 145



Achromatomaly

168, 132, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 110, 160 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(209, 110, 160)` looks like.

```
.text, #text, p{  
    color:rgb(209, 110, 160)  
}
```

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(209, 110, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 110, 160) }
```

Border

The CSS property to change the border of an element to RGB 209, 110, 160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

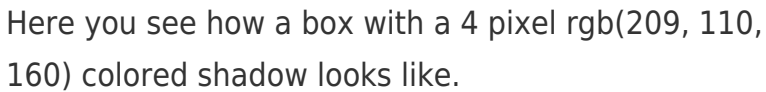
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 110, 160) }
```

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

```
.border{ border-color:rgb(209, 110, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 110, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 110, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 110, 160);  
box-shadow:4px 4px 4px 4px rgb(209, 110,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 209, 110, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 110, 160) }
```

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

```
.background{ background-color: rgb(209,  
110, 160) }
```

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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