

Converting Colors

RGB(193, 125, 176)

Have a look what the booklet for
RGB(193, 125, 176) contains.

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Color

RGB(193, 125, 176)

Conversions

Conversions Part 1

Format	Color
Hex	C17DB0
RGB	193, 125, 176
RGB Percent	76%, 49%, 69%
CMY	0.2431, 0.5098, 0.3098
CMYK	0.00, 0.35, 0.09, 0.24
HSL	315°, 35%, 62%
HSV	315°, 35%, 76%
XYZ	37.1624, 29.1393, 44.7401
YIQ	151.1460, 24.1570, 30.2770

Conversions

Conversions Part 2

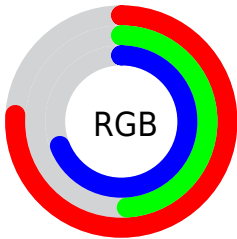
Format	Color
RYB	193, 125, 176
Decimal	12680624
CIELab	60.90, 34.13, -16.09
CIELCh	61, 37.736, 334.755
Yxy	29.1393, 0.3347, 0.2624
Android (android.graphics.Color)	4290870704 (0xFFC17DB0)
YUV	151.1460, 12.2530, 36.7060
Hunter-Lab	53.9808, 28.4197, -11.3538

Details

The RGB color **193, 125, 176** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **125, 193, 142**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **250, 179, 232**, and **138, 74, 123** is the 20% darker color. If you saturate the color by 10%, you get **193, 106, 171**, and if you desaturate by 10%, it is **193, 144, 181**.

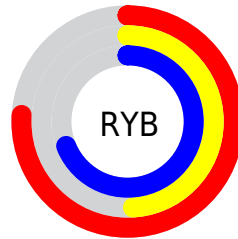
Distribution



Red (76%)

Green (49%)

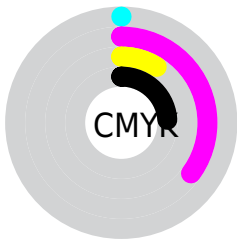
Blue (69%)



Red (76%)

Yellow (49%)

Blue (69%)

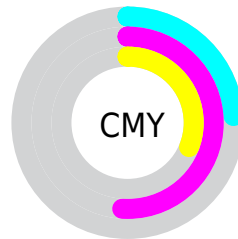


Cyan (0%)

Magenta (35%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 125, 176 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 193, 125, 176 by changing the saturation by 10% instead.

 193, 125, 176

255, 255, 255

 250, 179, 232

 255, 206, 255

 255, 235, 255

 193, 125, 176


 165, 99, 149

 138, 74, 123

 112, 50, 98

 86, 26, 74

 62, 0, 52

 41, 0, 31

 0, 0, 1

 0, 0, 0

 193, 125, 176

 193, 125, 176

193, 106, 171

193, 144, 181

193, 86, 166

193, 164, 186

193, 67, 162

193, 183, 190

193, 48, 157

193, 202, 195

193, 28, 152

193, 222, 200

193, 9, 147

193, 241, 205

193, 0, 145

193, 255, 210

193, 255, 215

193, 255, 219

Harmonies

Analogous

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



157, 136, 202



193, 125, 176



210, 120, 143

Triad

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



193, 125, 176



163, 147, 79



0, 163, 184

Complementary

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



193, 125, 176



125, 193, 142

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.



22, 164, 151



193, 125, 176



128, 156, 91

Square

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



193, 125, 176



191, 135, 87



86, 162, 117



26, 158, 206

Rectangle

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



193, 125, 176



211, 122, 121



86, 162, 117



0, 164, 174

Sweetspot

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



193, 125, 176



250, 222, 243



142, 125, 193



125, 109, 121



252, 252, 252



125, 125, 125

Same Dimension

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



193, 125, 176



250, 145, 224



193, 125, 142



97, 87, 94



161, 0, 120



33, 0, 25

Inverse Universe

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



193, 125, 176



250, 145, 224



125, 193, 176



97, 87, 94



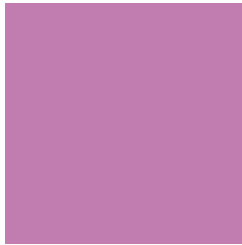
161, 0, 120



33, 0, 25

Previews

White Background



This preview shows how the RGB color 193, 125, 176 looks on a white background.

Color Contrast Check

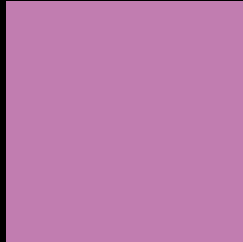
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 125, 176 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 193, 125, 176 Background



This preview shows how black text looks on a background with the RGB color 193, 125, 176.



This preview shows how white text looks on a background with the RGB color 193, 125, 176.

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
193, 125, 176

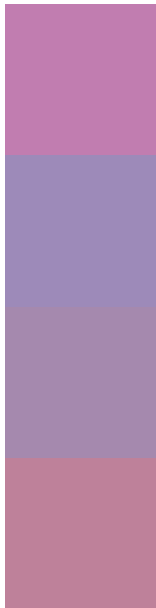
Protanopia
136, 146, 190

Deuteranopia
149, 144, 173



Tritanopia
189, 132, 142

Trichromacy



Original Color
193, 125, 176

Protanomaly
157, 138, 185

Deuteranomaly
165, 137, 174

Tritanomaly
190, 129, 154

Monochromacy



Original Color
193, 125, 176

Achromatopsia
151, 151, 151

Achromatomaly
166, 142, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 125, 176 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(193, 125, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 125, 176)  
}
```

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(193, 125, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 125, 176) }
```

Border

The CSS property to change the border of an element to RGB 193, 125, 176 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(193, 125, 176) }
```

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

```
.border{ border-color:rgb(193, 125, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 125, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 125, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 125, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 125,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 193, 125, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 125, 176) }
```

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

```
.background{ background-color: rgb(193,  
125, 176) }
```

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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