

Converting Colors

RGB(196, 139, 175)

Have a look what the booklet for
RGB(196, 139, 175) contains.

RGB(196, 139, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(196, 139, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C48BAF
RGB	196, 139, 175
RGB Percent	77%, 55%, 69%
CMY	0.2314, 0.4549, 0.3137
CMYK	0.00, 0.29, 0.11, 0.23
HSL	322°, 33%, 66%
HSV	322°, 29%, 77%
XYZ	39.7354, 33.2961, 44.8900
YIQ	160.1470, 22.4160, 23.2800

Conversions

Conversions Part 2

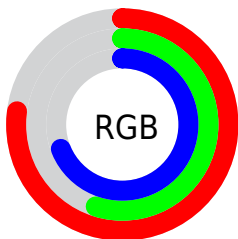
Format	Color
RYB	196, 139, 175
Decimal	12880815
CIELab	64.40, 27.31, -10.23
CIELCh	64, 29.169, 339.462
Yxy	33.2961, 0.3370, 0.2824
Android (android.graphics.Color)	4291070895 (0xFFC48BAF)
YUV	160.1470, 7.3225, 31.4431
Hunter-Lab	57.7028, 21.9391, -5.7327

Details

The RGB color **196, 139, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 196, 160**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **253, 193, 231**, and **141, 88, 123** is the 20% darker color. If you saturate the color by 10%, you get **196, 119, 168**, and if you desaturate by 10%, it is **196, 159, 182**.

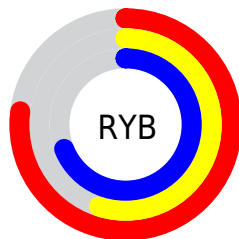
Distribution



Red (77%)

Green (55%)

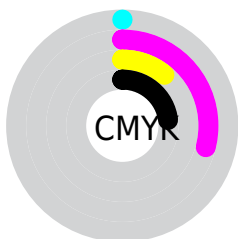
Blue (69%)



Red (77%)

Yellow (55%)

Blue (69%)

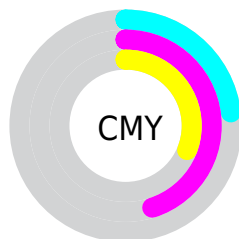


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 139, 175 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 196, 139, 175 by changing the saturation by 10% instead.


 196, 139, 175


255, 255, 255


 253, 193, 231


 255, 221, 255

 255, 250, 255

 196, 139, 175

 168, 113, 148

 141, 88, 123

 115, 64, 98

 90, 41, 74

 65, 18, 51

 43, 0, 30

 8, 0, 2


 0, 0, 0


 196, 139, 175

 196, 139, 175

 196, 119, 168


 196, 159, 182

 196, 100, 161

 196, 178, 189

 196, 80, 153

 196, 198, 197

 196, 61, 146

 196, 217, 204

 196, 41, 139

 196, 237, 211

 196, 21, 132

 196, 255, 218

 196, 2, 124

 196, 255, 226

 196, 0, 124

 196, 255, 233

 196, 255, 240

Harmonies

Analogous

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



170, 147, 196



196, 139, 175



208, 137, 149

Triad

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



196, 139, 175



166, 157, 104



71, 169, 188

Complementary

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



196, 139, 175



139, 196, 160

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.



79, 171, 164



196, 139, 175



137, 164, 115

Square

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



196, 139, 175



190, 148, 108



107, 169, 137



95, 164, 204

Rectangle

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



196, 139, 175



207, 139, 132



107, 169, 137



70, 170, 181

Sweetspot

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



196, 139, 175



255, 232, 247



160, 139, 196



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



196, 139, 175



255, 166, 222



196, 139, 147



97, 87, 93



161, 0, 101



33, 0, 21

Inverse Universe

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



196, 139, 175



255, 166, 222



139, 196, 188



97, 87, 93



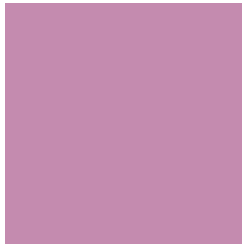
161, 0, 101



33, 0, 21

Previews

White Background



This preview shows how the RGB color 196, 139, 175 looks on a white background.

Color Contrast Check

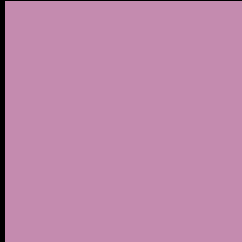
Large Text (above 18pt) WCAG AA × Fail

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 196, 139, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

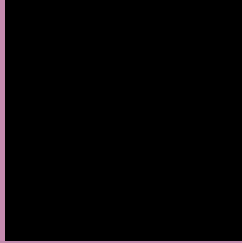
Any Text WCAG AA ✓ Pass

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 196, 139, 175 Background



This preview shows how black text looks on a background with the RGB color 196, 139, 175.



This preview shows how white text looks on a background with the RGB color 196, 139, 175.

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
196, 139, 175

Protanopia
150, 155, 186

Deuteranopia
164, 152, 173



Tritanopia

193, 143, 154

Trichromacy



Original Color
196, 139, 175

Protanomaly
167, 149, 182

Deuteranomaly
176, 147, 174

Tritanomaly
194, 142, 162

Monochromacy



Original Color
196, 139, 175

Achromatopsia
160, 160, 160

Achromatomaly
173, 152, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 139, 175 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(196, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 139, 175)  
}
```

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(196, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 139, 175) }
```

Border

The CSS property to change the border of an element to RGB 196, 139, 175 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(196, 139, 175) }
```

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

```
.border{ border-color:rgb(196, 139, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 139, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 139,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 196, 139, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 139, 175) }
```

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

```
.background{ background-color: rgb(196,  
139, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor