

Converting Colors

RGB(196, 136, 187)

Have a look what the booklet for
RGB(196, 136, 187) contains.

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Color

RGB(196, 136, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C488BB
RGB	196, 136, 187
RGB Percent	77%, 53%, 73%
CMY	0.2314, 0.4667, 0.2667
CMYK	0.00, 0.31, 0.05, 0.23
HSL	309°, 34%, 65%
HSV	309°, 31%, 77%
XYZ	40.5388, 32.9319, 51.2336
YIQ	159.7540, 19.3890, 28.5810

Conversions

Conversions Part 2

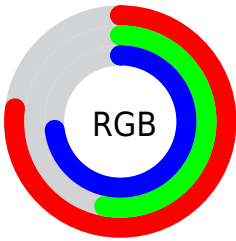
Format	Color
RYB	196, 136, 187
Decimal	12880059
CIELab	64.11, 31.09, -17.45
CIELCh	64, 35.646, 330.699
Yxy	32.9319, 0.3251, 0.2641
Android (android.graphics.Color)	4291070139 (0xFFC488BB)
YUV	159.7540, 13.4323, 31.7877
Hunter-Lab	57.3864, 25.6695, -12.7627

Details

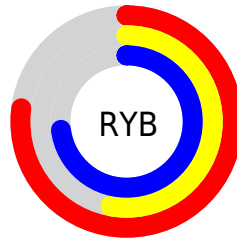
The RGB color **196, 136, 187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 196, 145**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **253, 190, 243**, and **141, 85, 134** is the 20% darker color. If you saturate the color by 10%, you get **196, 116, 184**, and if you desaturate by 10%, it is **196, 156, 190**.

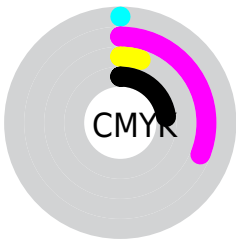
Distribution



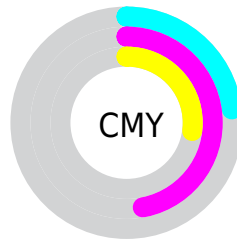
- Red (77%)
- Green (53%)
- Blue (73%)



- Red (77%)
- Yellow (53%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 136, 187 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, 136, 187 by changing the saturation by 10% instead.


 196, 136, 187


255, 255, 255


 253, 190, 243

 255, 218, 255

 255, 247, 255

 196, 136, 187

 168, 110, 160

 141, 85, 134

 115, 61, 108

 90, 37, 84

 65, 13, 61

 42, 0, 39

 6, 0, 17


 0, 0, 0

 196, 136, 187


 196, 136, 187

 196, 116, 184

 196, 156, 190

 196, 97, 181


 196, 175, 193

 196, 77, 178

 196, 195, 196

 196, 58, 175

 196, 214, 199

 196, 38, 172

 196, 234, 202

 196, 18, 169

 196, 254, 205

 196, 0, 167

 196, 255, 208

 196, 255, 211

 196, 255, 213

Harmonies

Analogous

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



160, 147, 210



196, 136, 187



215, 131, 156

Triad

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



196, 136, 187



175, 154, 91



7, 171, 187

Complementary

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



196, 136, 187



136, 196, 145

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.



60, 172, 155



196, 136, 187



142, 163, 100

Square

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



196, 136, 187



201, 143, 101



104, 169, 123



51, 167, 210

Rectangle

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



196, 136, 187



217, 132, 134



104, 169, 123



24, 172, 177

Sweetspot

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



196, 136, 187



255, 232, 252



145, 136, 196



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



196, 136, 187



255, 161, 241



196, 136, 157



97, 87, 95



161, 0, 137



33, 0, 28

Inverse Universe

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



196, 136, 187



255, 161, 241



136, 196, 175



97, 87, 95



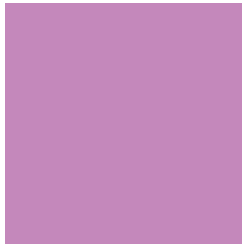
161, 0, 137



33, 0, 28

Previews

White Background



This preview shows how the RGB color 196, 136, 187 looks on a white background.

Color Contrast Check

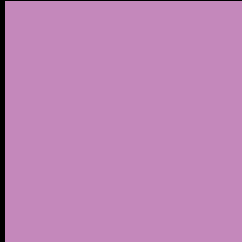
Large Text (above 18pt) WCAG AA × Fail

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, 136, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

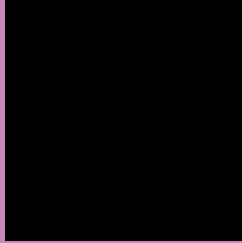
Any Text WCAG AA ✓ Pass

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, 136, 187 Background



This preview shows how black text looks on a background with the RGB color 196, 136, 187.



This preview shows how white text looks on a background with the RGB color 196, 136, 187.

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, 136, 187

Protanopia
144, 154, 200

Deuteranopia
157, 152, 184



Tritanopia
192, 142, 153

Trichromacy



Original Color

196, 136, 187

Protanomaly

163, 147, 195

Deuteranomaly

171, 146, 185

Tritanomaly

193, 140, 165

Monochromacy



Original Color

196, 136, 187

Achromatopsia

160, 160, 160

Achromatomaly

173, 151, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 136, 187 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, 136, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 136, 187)  
}
```

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, 136, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 136, 187) }
```

Border

The CSS property to change the border of an element to RGB 196, 136, 187 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, 136, 187) }
```

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

```
.border{ border-color:rgb(196, 136, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 136, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 136, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 136, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 136,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 196, 136, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 136, 187) }
```

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

```
.background{ background-color: rgb(196,  
136, 187) }
```

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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