

# Converting Colors

RGB(172, 140, 192)

Have a look what the booklet for  
RGB(172, 140, 192) contains.

<b>RGB(172, 140, 192)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(172, 140, 192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8CC0
RGB	172, 140, 192
RGB Percent	67%, 55%, 75%
CMY	0.3255, 0.4510, 0.2471
CMYK	0.10, 0.27, 0.00, 0.25
HSL	277°, 29%, 65%
HSV	277°, 27%, 75%
XYZ	35.9058, 31.3326, 54.0245
YIQ	155.4960, 2.3800, 22.9560

# Conversions

## Conversions Part 2

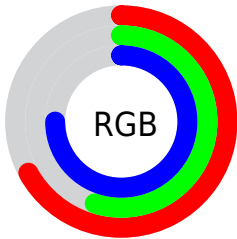
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 140, 192
Decimal	11308224
CIELab	62.79, 21.85, -22.49
CIElCh	63, 31.357, 314.164
Yxy	31.3326, 0.2961, 0.2584
Android (android.graphics.Color)	4289498304 (0xFFAC8CC0)
YUV	155.4960, 17.9965, 14.4740
Hunter-Lab	55.9755, 16.5425, -18.0406

# Details

The RGB color **172, 140, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **160, 192, 140**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **228, 194, 249**, and **119, 90, 138** is the 20% darker color. If you saturate the color by 10%, you get **165, 121, 192**, and if you desaturate by 10%, it is **179, 159, 192**.

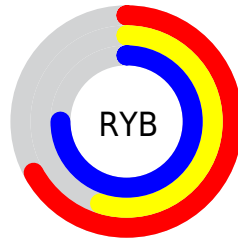
# Distribution



Red (67%)

Green (55%)

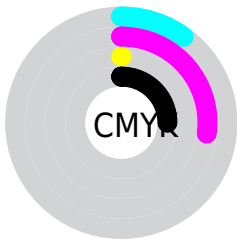
Blue (75%)



Red (67%)

Yellow (55%)

Blue (75%)

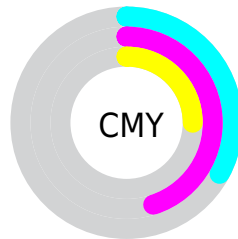


Cyan (10%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (45%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 172, 140, 192 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 172, 140, 192 by changing the saturation by 10% instead.




 172, 140, 192


255, 255, 255

 228, 194, 249

 255, 222, 255

 255, 250, 255

 172, 140, 192

 145, 114, 165

 119, 90, 138

 94, 66, 113

 70, 43, 88

 46, 22, 65

 27, 0, 42

 0, 1, 21


 0, 0, 0


 172, 140, 192


 172, 140, 192

 165, 121, 192


 179, 159, 192

 157, 102, 192

 187, 178, 192

 150, 82, 192

 194, 198, 192

 142, 63, 192

 202, 217, 192

 135, 44, 192

 209, 236, 192

 128, 25, 192

 216, 255, 192

 120, 6, 192

 224, 255, 192

 118, 0, 192

 231, 255, 192

 238, 255, 192

# Harmonies

## Analogous

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



134, 150, 206



172, 140, 192



197, 132, 168

# Triad

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



172, 140, 192



184, 145, 99



61, 167, 165

# Complementary

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



172, 140, 192



160, 192, 140

# 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.



93, 166, 136



172, 140, 192



158, 154, 97

# Square

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



172, 140, 192



202, 136, 114



126, 162, 111



55, 165, 190

# Rectangle

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



172, 140, 192



205, 131, 149



126, 162, 111



70, 167, 155



# Sweetspot

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



172, 140, 192



242, 230, 250



140, 161, 192



120, 112, 125



252, 252, 252



125, 125, 125



# Same Dimension

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



172, 140, 192



218, 167, 250



192, 140, 187



93, 87, 97



99, 0, 161



20, 0, 33



# Inverse Universe

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



192, 140, 160



250, 167, 199



140, 192, 145



97, 87, 91



161, 0, 62



33, 0, 13



# Previews

## White Background



This preview shows how the RGB color 172, 140, 192 looks on a white background.

## Color Contrast Check

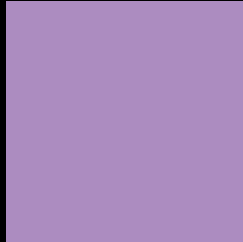
Large Text (above 18pt) WCAG AA × Fail

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 172, 140, 192 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 172, 140, 192 Background



This preview shows how black text looks on a background with the RGB color 172, 140, 192.

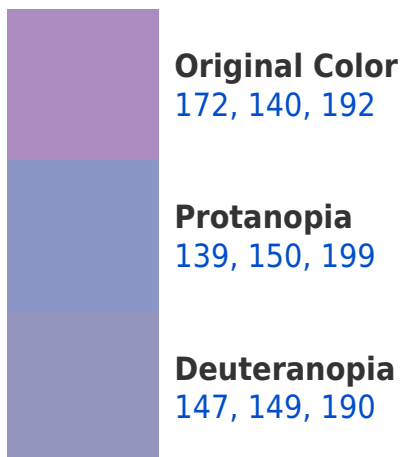


This preview shows how white text looks on a background with the RGB color 172, 140, 192.

# 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





**Tritanopia**  
167, 146, 158

# Trichromacy



**Original Color**  
172, 140, 192

**Protanomaly**  
151, 146, 196

**Deuteranomaly**  
156, 146, 191

**Tritanomaly**  
169, 144, 170

# Monochromacy



**Original Color**  
172, 140, 192

**Achromatopsia**  
155, 155, 155

**Achromatomaly**  
161, 150, 168

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 172, 140, 192 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(172, 140, 192)` looks like.

```
.text, #text, p{  
    color:rgb(172, 140, 192)  
}
```

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(172, 140, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 140, 192) }
```

## Border

The CSS property to change the border of an element to RGB 172, 140, 192 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(172, 140, 192) }
```

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

```
.border{ border-color:rgb(172, 140, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 140, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 140, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 140, 192);  
box-shadow:4px 4px 4px 4px rgb(172, 140,  
192) }
```

# Background

The CSS property to change the background color of an element to RGB 172, 140, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 140, 192) }
```

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

```
.background{ background-color: rgb(172,  
140, 192) }
```

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