

Converting Colors

RGB(170, 116, 142)

Have a look what the booklet for
RGB(170, 116, 142) contains.

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Color

RGB(170, 116, 142)

Conversions

Conversions Part 1

Format	Color
Hex	AA748E
RGB	170, 116, 142
RGB Percent	67%, 45%, 56%
CMY	0.3333, 0.5451, 0.4431
CMYK	0.00, 0.32, 0.16, 0.33
HSL	331°, 24%, 56%
HSV	331°, 32%, 67%
XYZ	27.7054, 22.9898, 28.5684
YIQ	135.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

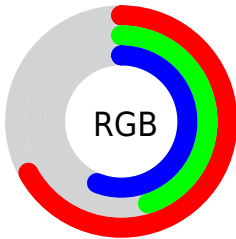
Format	Color
R_{YB}	170, 116, 142
Decimal	11170958
CIE Lab	55.06, 25.22, -5.52
CIE LCh	55, 25.817, 347.660
Yxy	22.9898, 0.3495, 0.2900
Android (android.graphics.Color)	4289361038 (0xFFAA748E)
YUV	135.1100, 3.3968, 30.5985
Hunter-Lab	47.9477, 19.2335, -1.7631

Details

The RGB color **170, 116, 142** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116, 170, 144**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **226, 169, 196**, and **117, 67, 92** is the 20% darker color. If you saturate the color by 10%, you get **170, 99, 133**, and if you desaturate by 10%, it is **170, 133, 151**.

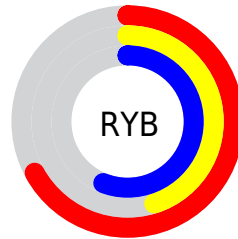
Distribution



Red (67%)

Green (45%)

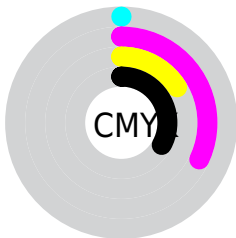
Blue (56%)



Red (67%)

Yellow (45%)

Blue (56%)

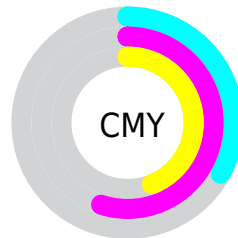


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 116, 142 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 170, 116, 142 by changing the saturation by 10% instead.

 170, 116, 142


255, 255, 255

 226, 169, 196

 255, 196, 224


 255, 224, 252

 255, 253, 255

 170, 116, 142

 143, 91, 116

 117, 67, 92

 91, 44, 68

 67, 21, 46


 44, 0, 26


 10, 0, 0


 0, 0, 0


 170, 116, 142


 170, 99, 133


 170, 116, 142

 170, 133, 151


 170, 82, 124

 170, 150, 160

 170, 65, 116

 170, 167, 168

 170, 48, 107

 170, 184, 177

 170, 31, 98

 170, 201, 186

 170, 14, 89

 170, 218, 195

 170, 0, 82

 170, 235, 204

 170, 252, 213

 170, 255, 221

Harmonies

Analogous

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



151, 122, 162



170, 116, 142



177, 115, 119

Triad

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



170, 116, 142



134, 135, 89



62, 142, 164

Complementary

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



170, 116, 142



116, 170, 144

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.



61, 144, 145



170, 116, 142



109, 140, 101

Square

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



170, 116, 142



156, 127, 88



82, 143, 122



88, 137, 175

Rectangle

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



170, 116, 142



174, 118, 106



82, 143, 122



58, 143, 158

Sweetspot

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



170, 116, 142



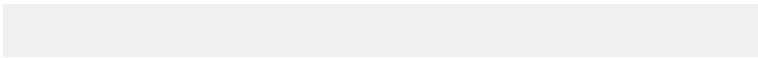
222, 200, 210



144, 116, 170



112, 99, 105



240, 240, 240



112, 112, 112

Same Dimension

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



170, 116, 142



222, 138, 178



170, 117, 116



84, 76, 80



148, 0, 71



20, 0, 10

Inverse Universe

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



170, 116, 142



222, 138, 178



116, 169, 170



84, 76, 80



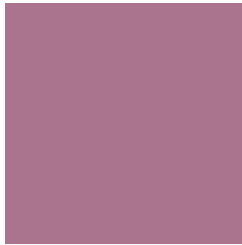
148, 0, 71



20, 0, 10

Previews

White Background



This preview shows how the RGB color 170, 116, 142 looks on a white background.

Color Contrast Check

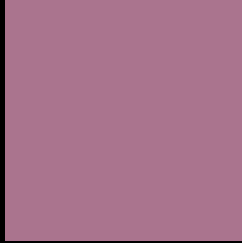
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 116, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

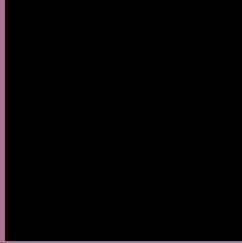
Any Text WCAG AA ✓ Pass

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 170, 116, 142 Background



This preview shows how black text looks on a background with the RGB color 170, 116, 142.



This preview shows how white text looks on a background with the RGB color 170, 116, 142.

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


[170](#), [116](#), [142](#)

Protanopia

[129](#), [131](#), [152](#)

Deuteranopia

[141](#), [128](#), [140](#)



Tritanopia
168, 119, 128

Trichromacy



Original Color

170, 116, 142

Protanomaly

144, 126, 148

Deuteranomaly

152, 124, 141

Tritanomaly

169, 118, 133

Monochromacy



Original Color

170, 116, 142

Achromatopsia

135, 135, 135

Achromatomaly

148, 128, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 116, 142 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(170, 116, 142) looks like.

```
.text, #text, p{  
    color:rgb(170, 116, 142)  
}
```

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(170, 116, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 116, 142) }
```

Border

The CSS property to change the border of an element to RGB 170, 116, 142 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(170, 116, 142) }
```

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

```
.border{ border-color:rgb(170, 116, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 116, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 116, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 116, 142);  
box-shadow:4px 4px 4px 4px rgb(170, 116,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 170, 116, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 116, 142) }
```

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

```
.background{ background-color: rgb(170,  
116, 142) }
```

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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