

Converting Colors

RGB(180, 142, 172)

Have a look what the booklet for
RGB(180, 142, 172) contains.

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Color

RGB(180, 142, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B48EAC
RGB	180, 142, 172
RGB Percent	71%, 56%, 67%
CMY	0.2941, 0.4431, 0.3255
CMYK	0.00, 0.21, 0.04, 0.29
HSL	313°, 20%, 63%
HSV	313°, 21%, 71%
XYZ	35.9418, 32.0279, 43.3174
YIQ	156.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

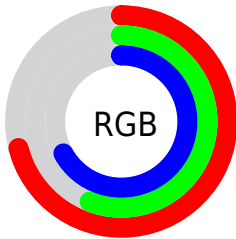
Format	Color
RYB	180, 142, 172
Decimal	11833004
CIELab	63.37, 19.47, -10.26
CIELCh	63, 22.010, 332.224
Yxy	32.0279, 0.3230, 0.2878
Android (android.graphics.Color)	4290023084 (0xFFB48EAC)
YUV	156.7820, 7.5025, 20.3622
Hunter-Lab	56.5932, 14.3256, -5.7664

Details

The RGB color **180, 142, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 180, 150**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **236, 196, 227**, and **127, 91, 120** is the 20% darker color. If you saturate the color by 10%, you get **180, 124, 168**, and if you desaturate by 10%, it is **180, 160, 176**.

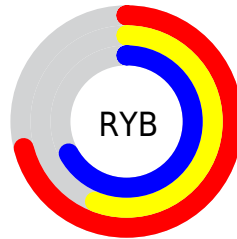
Distribution



Red (71%)

Green (56%)

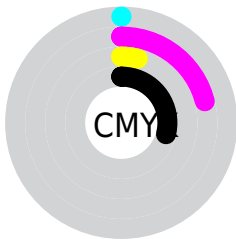
Blue (67%)



Red (71%)

Yellow (56%)

Blue (67%)

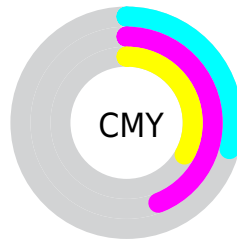


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (29%)



Cyan (29%)


Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 142, 172 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 180, 142, 172 by changing the saturation by 10% instead.


 180, 142, 172

255, 255, 255

 236, 196, 227


 255, 224, 255

 255, 253, 255

 180, 142, 172

 153, 116, 145

 127, 91, 120

 101, 68, 95

 77, 45, 71


 54, 23, 49

 33, 0, 28

 0, 0, 0

 180, 142, 172

 180, 124, 168

 180, 142, 172

 180, 160, 176

180, 106, 164

180, 178, 180

180, 88, 161

180, 196, 183

180, 70, 157

180, 214, 187

180, 52, 153

180, 232, 191

180, 34, 149

180, 250, 195

180, 16, 145

180, 255, 199

180, 0, 142

180, 255, 202

180, 255, 206

Harmonies

Analogous

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



158, 148, 186



180, 142, 172



192, 139, 153

Triad

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



180, 142, 172



167, 153, 114



97, 164, 174

Complementary

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



180, 142, 172



142, 180, 150

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.



104, 165, 154



180, 142, 172



145, 159, 120

Square

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



180, 142, 172



183, 146, 119



123, 163, 135



108, 160, 187

Rectangle

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



180, 142, 172



194, 140, 139



123, 163, 135



97, 164, 167

Sweetspot

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



180, 142, 172



235, 221, 232



150, 142, 180



117, 109, 116



245, 245, 245



117, 117, 117

Same Dimension

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



180, 142, 172



235, 176, 222



180, 142, 153



89, 80, 87



153, 0, 121



26, 0, 20

Inverse Universe

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



180, 142, 172



235, 176, 222



142, 180, 169



89, 80, 87



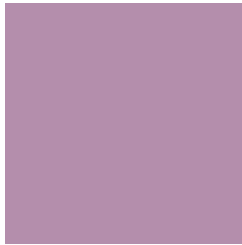
153, 0, 121



26, 0, 20

Previews

White Background



This preview shows how the RGB color 180, 142, 172 looks on a white background.

Color Contrast Check

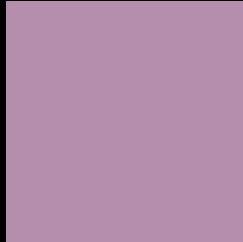
Large Text (above 18pt) WCAG AA × Fail

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 180, 142, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

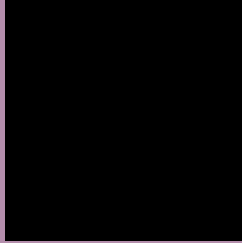
Any Text WCAG AA ✓ Pass

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 180, 142, 172 Background



This preview shows how black text looks on a background with the RGB color 180, 142, 172.



This preview shows how white text looks on a background with the RGB color 180, 142, 172.

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


180, 142, 172

Protanopia

149, 152, 179

Deuteranopia

161, 149, 171



Tritanopia
178, 145, 156

Trichromacy



Original Color

180, 142, 172

Protanomaly

160, 148, 176

Deuteranomaly

168, 146, 171

Tritanomaly

179, 144, 162

Monochromacy



Original Color

180, 142, 172

Achromatopsia

157, 157, 157

Achromatomaly

165, 152, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 142, 172 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(180, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 142, 172)  
}
```

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(180, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 142, 172) }
```

Border

The CSS property to change the border of an element to RGB 180, 142, 172 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(180, 142, 172) }
```

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

```
.border{ border-color:rgb(180, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 142,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 180, 142, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 142, 172) }
```

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

```
.background{ background-color: rgb(180,  
142, 172) }
```

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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