

Converting Colors

RGB(180, 140, 219)

Have a look what the booklet for
RGB(180, 140, 219) contains.

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Color

RGB(180, 140, 219)

Conversions

Conversions Part 1

Format	Color
Hex	B48CDB
RGB	180, 140, 219
RGB Percent	71%, 55%, 86%
CMY	0.2941, 0.4510, 0.1412
CMYK	0.18, 0.36, 0.00, 0.14
HSL	270°, 52%, 70%
HSV	270°, 36%, 86%
XYZ	40.9867, 33.5739, 71.3380
YIQ	160.9660, -1.5190, 33.0490

Conversions

Conversions Part 2

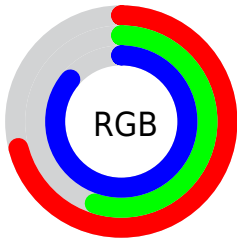
Format	Color
R _Y B	180, 140, 219
Decimal	11832539
CIE Lab	64.62, 30.24, -34.70
CIE LCh	65, 46.027, 311.067
Yxy	33.5739, 0.2809, 0.2301
Android (android.graphics.Color)	4290022619 (0xFFB48CDB)
YUV	160.9660, 28.6108, 16.6928
Hunter-Lab	57.9430, 24.8637, -32.4363

Details

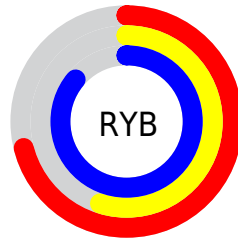
The RGB color **180, 140, 219** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **179, 219, 140**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **237, 194, 255**, and **126, 89, 164** is the 20% darker color. If you saturate the color by 10%, you get **169, 118, 219**, and if you desaturate by 10%, it is **191, 162, 219**.

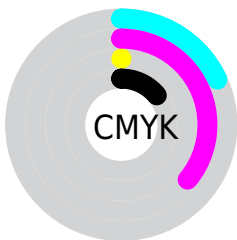
Distribution



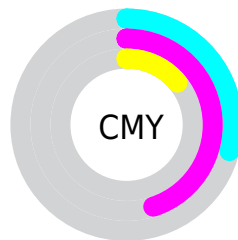
- Red (71%)
- Green (55%)
- Blue (86%)



- Red (71%)
- Yellow (55%)
- Blue (86%)



- Cyan (18%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)




- Cyan (29%)
- Magenta (45%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the RGB color 180, 140, 219 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, 140, 219 by changing the saturation by 10% instead.


 180, 140, 219

255, 255, 255

 237, 194, 255


 255, 222, 255

 255, 251, 255

 180, 140, 219

 153, 114, 191

 126, 89, 164


 100, 65, 137

 74, 42, 111


 50, 20, 87

 26, 0, 63

 0, 0, 40


 0, 1, 18

 0, 0, 0


 180, 140, 219


 180, 140, 219

 169, 118, 219

 191, 162, 219

 158, 96, 219

 202, 184, 219

 148, 74, 219


 212, 206, 219

 137, 52, 219


 223, 228, 219

 126, 31, 219

 234, 249, 219

 115, 9, 219

 245, 255, 219

 111, 0, 219

 255, 255, 219

Harmonies

Analogous

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



116, 156, 237



180, 140, 219



219, 126, 184

Triad

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



180, 140, 219



203, 145, 78



0, 178, 171

Complementary

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



180, 140, 219



179, 219, 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.



61, 176, 129



180, 140, 219



167, 159, 73

Square

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



180, 140, 219



228, 131, 105



122, 170, 93



0, 176, 210

Rectangle

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



180, 140, 219



232, 122, 157



122, 170, 93



0, 178, 157

Sweetspot

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



180, 140, 219



241, 227, 255



140, 179, 219



119, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 140, 219



201, 145, 255



219, 140, 219



104, 99, 110



88, 0, 173



23, 0, 46

Inverse Universe

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



219, 140, 179



255, 145, 199



140, 219, 140



110, 99, 104



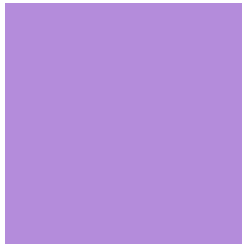
173, 0, 86



46, 0, 23

Previews

White Background



This preview shows how the RGB color 180, 140, 219 looks on a white background.

Color Contrast Check

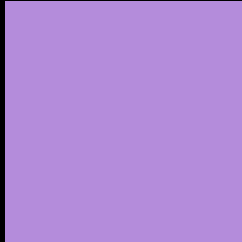
Large Text (above 18pt) WCAG AA × Fail

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, 140, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

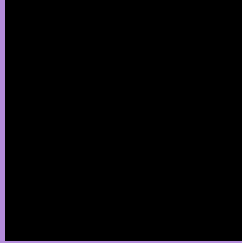
Any Text WCAG AA ✓ Pass

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, 140, 219 Background



This preview shows how black text looks on a background with the RGB color 180, 140, 219.

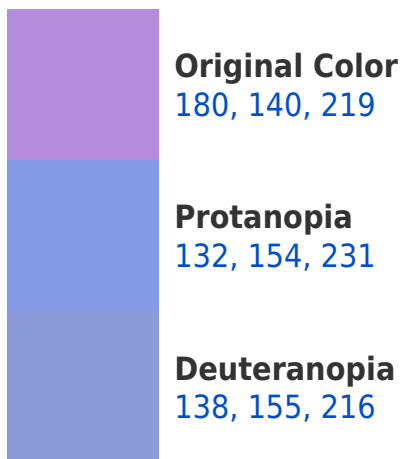



This preview shows how white text looks on a background with the RGB color 180, 140, 219.

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
171, 151, 163

Trichromacy



Original Color
180, 140, 219

Protanomaly
149, 149, 227

Deuteranomaly
153, 150, 217

Tritanomaly
174, 147, 183

Monochromacy



Original Color
180, 140, 219

Achromatopsia
161, 161, 161

Achromatomaly
168, 153, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 140, 219 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, 140, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 140, 219)  
}
```

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, 140, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 140, 219) }
```

Border

The CSS property to change the border of an element to RGB 180, 140, 219 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, 140, 219) }
```

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

```
.border{ border-color:rgb(180, 140, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 140, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 140, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 140, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 140,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 180, 140, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 140, 219) }
```

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

```
.background{ background-color: rgb(180,  
140, 219) }
```

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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