

Converting Colors

RGB(180, 126, 241)

Have a look what the booklet for
RGB(180, 126, 241) contains.

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Color

RGB(180, 126, 241)

Conversions

Conversions Part 1

Format	Color
Hex	B47EF1
RGB	180, 126, 241
RGB Percent	71%, 49%, 95%
CMY	0.2941, 0.5059, 0.0549
CMYK	0.25, 0.48, 0.00, 0.05
HSL	268°, 80%, 72%
HSV	268°, 48%, 95%
XYZ	42.1604, 30.9759, 86.9759
YIQ	155.2560, -4.7310, 47.2130

Conversions

Conversions Part 2

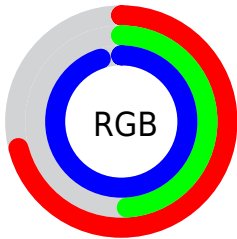
Format	Color
R_{YB}	180, 126, 241
Decimal	11828977
CIE _{Lab}	62.49, 43.02, -50.25
CIE _{LCh}	62, 66.145, 310.565
Yxy	30.9759, 0.2633, 0.1935
Android (android.graphics.Color)	4290019057 (0xFFB47EF1)
YUV	155.2560, 42.2718, 21.7005
Hunter-Lab	55.6560, 37.8191, -53.6958

Details

The RGB color **180, 126, 241** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **187, 241, 126**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **238, 180, 255**, and **124, 75, 184** is the 20% darker color. If you saturate the color by 10%, you get **167, 102, 241**, and if you desaturate by 10%, it is **193, 150, 241**.

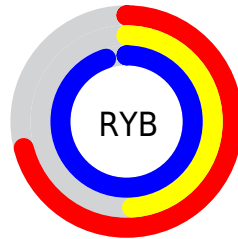
Distribution



Red (71%)

Green (49%)

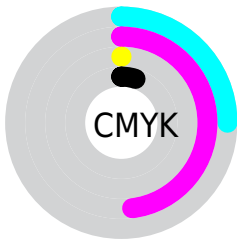
Blue (95%)



Red (71%)

Yellow (49%)

Blue (95%)

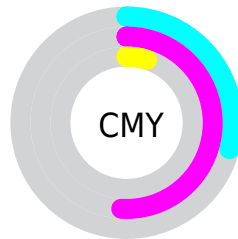


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (29%)


Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 126, 241 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, 126, 241 by changing the saturation by 10% instead.


 180, 126, 241


255, 255, 255

 238, 180, 255

 255, 208, 255

 255, 236, 255

 180, 126, 241

 152, 100, 212

 124, 75, 184

 97, 51, 157

 70, 26, 130

 42, 0, 105


 12, 0, 80


 0, 0, 56

 0, 2, 33

 0, 0, 7

 180, 126, 241

 180, 126, 241

 167, 102, 241

 193, 150, 241


 154, 78, 241


 206, 174, 241

 142, 54, 241

 218, 198, 241

 129, 30, 241

 231, 222, 241

 116, 6, 241

 244, 247, 241

 113, 0, 241

 255, 255, 241

Harmonies

Analogous

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



55, 151, 255



180, 126, 241



237, 101, 192

Triad

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



180, 126, 241



211, 134, 29



0, 179, 171

Complementary

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



180, 126, 241



187, 241, 126

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.



0, 176, 110



180, 126, 241



161, 155, 5

Square

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



180, 126, 241



245, 109, 77



96, 169, 54



0, 177, 226

Rectangle

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



180, 126, 241



254, 92, 152



96, 169, 54



0, 178, 150

Sweetspot

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



180, 126, 241



236, 219, 255



126, 187, 241



116, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 126, 241



178, 110, 255



237, 126, 241



113, 108, 120



86, 0, 184



26, 0, 56

Inverse Universe

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



241, 126, 187



255, 110, 187



130, 241, 126



120, 108, 114



184, 0, 97



56, 0, 30

Previews

White Background



This preview shows how the RGB color 180, 126, 241 looks on a white background.

Color Contrast Check

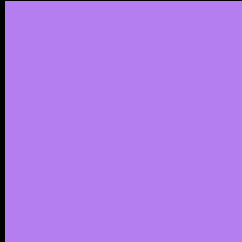
Large Text (above 18pt) WCAG AA × Fail

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, 126, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

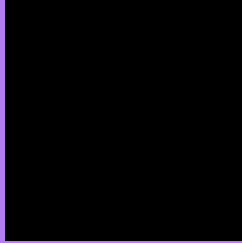
Any Text WCAG AA ✓ Pass

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, 126, 241 Background



This preview shows how black text looks on a background with the RGB color 180, 126, 241.

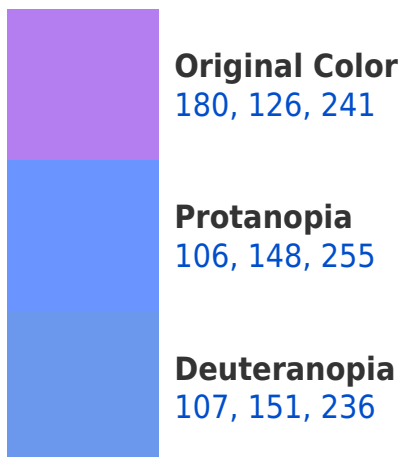


This preview shows how white text looks on a background with the RGB color 180, 126, 241.

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
165, 146, 157

Trichromacy



Original Color

180, 126, 241



Protanomaly

133, 140, 250



Deuteranomaly

134, 142, 238



Tritanomaly

170, 139, 188

Monochromacy



Original Color

180, 126, 241



Achromatopsia

155, 155, 155



Achromatomaly

164, 144, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 126, 241 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, 126, 241)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 241)  
}
```

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, 126, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 241) }
```

Border

The CSS property to change the border of an element to RGB 180, 126, 241 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, 126, 241) }
```

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

```
.border{ border-color:rgb(180, 126, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 241);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 180, 126, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 241) }
```

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

```
.background{ background-color: rgb(180,  
126, 241) }
```

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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