

Converting Colors

RGB(180, 141, 252)

Have a look what the booklet for
RGB(180, 141, 252) contains.

RGB(180, 141, 252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(180, 141, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B48DFC
RGB	180, 141, 252
RGB Percent	71%, 55%, 99%
CMY	0.2941, 0.4471, 0.0118
CMYK	0.29, 0.44, 0.00, 0.01
HSL	261°, 95%, 77%
HSV	261°, 44%, 99%
XYZ	45.9180, 35.7813, 96.5818
YIQ	165.3150, -12.3870, 42.7890

Conversions

Conversions Part 2

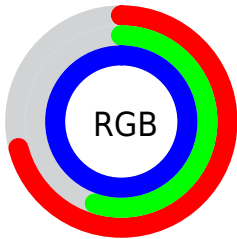
Format	Color
R _Y B	180, 141, 252
Decimal	11832828
CIE Lab	66.35, 37.36, -50.18
CIE LCh	66, 62.560, 306.671
Yxy	35.7813, 0.2576, 0.2007
Android (android.graphics.Color)	4290022908 (0xFFB48DFC)
YUV	165.3150, 42.7357, 12.8787
Hunter-Lab	59.8175, 32.3421, -53.8579

Details

The RGB color **180, 141, 252** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **213, 252, 141**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **238, 195, 255**, and **124, 90, 195** is the 20% darker color. If you saturate the color by 10%, you get **164, 116, 252**, and if you desaturate by 10%, it is **196, 166, 252**.

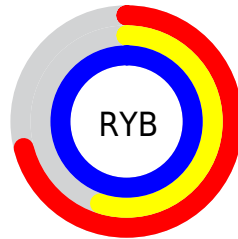
Distribution



Red (71%)

Green (55%)

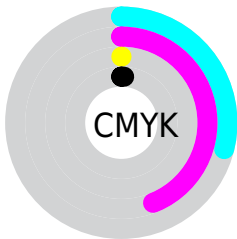
Blue (99%)



Red (71%)

Yellow (55%)

Blue (99%)

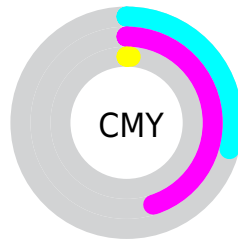


Cyan (29%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (29%)


Magenta (45%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 141, 252 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, 141, 252 by changing the saturation by 10% instead.


 180, 141, 252


255, 255, 255

 238, 195, 255

 255, 223, 255

 255, 252, 255


 180, 141, 252

 152, 115, 223

 124, 90, 195

 97, 66, 167

 69, 42, 140


 41, 19, 114

 2, 0, 89


 0, 0, 65


 0, 3, 42

 0, 1, 20


 180, 141, 252


 180, 141, 252

 164, 116, 252

 196, 166, 252

 147, 91, 252

 213, 191, 252

 131, 65, 252

 229, 217, 252

 115, 40, 252

 245, 242, 252

 98, 15, 252

255, 255, 252

 89, 0, 252

Harmonies

Analogous

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



59, 164, 255



180, 141, 252



239, 118, 207

Triad

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



180, 141, 252



226, 142, 54



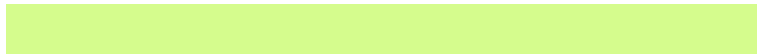
0, 188, 173

Complementary

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



180, 141, 252



213, 252, 141

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, 185, 114



180, 141, 252



179, 163, 36

Square

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



180, 141, 252



255, 120, 97



120, 177, 64



0, 187, 227

Rectangle

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



180, 141, 252



255, 109, 170



120, 177, 64



0, 188, 153

Sweetspot

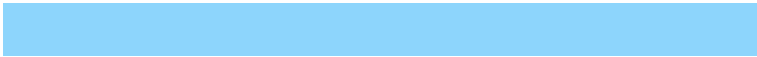
The Sweet Spot groups the original color and five complimentary colors.



180, 141, 252



233, 222, 255



141, 213, 252



114, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 141, 252



167, 120, 255



235, 141, 252



117, 112, 125



66, 0, 189



22, 0, 61

Inverse Universe

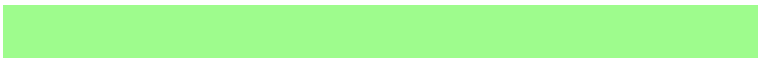
The Inverse Universe completely reimagines the original color for something new.



252, 141, 213



255, 120, 208



158, 252, 141



125, 112, 121



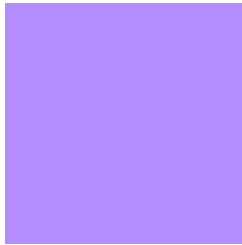
189, 0, 122



61, 0, 40

Previews

White Background



This preview shows how the RGB color 180, 141, 252 looks on a white background.

Color Contrast Check

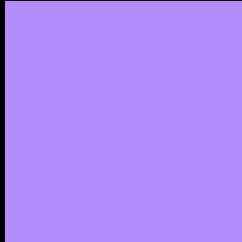
Large Text (above 18pt) WCAG AA × Fail

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, 141, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

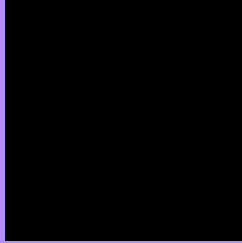
Any Text WCAG AA ✓ Pass

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, 141, 252 Background



This preview shows how black text looks on a background with the RGB color 180, 141, 252.



This preview shows how white text looks on a background with the RGB color 180, 141, 252.

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, 159, 172

Trichromacy



Original Color

180, 141, 252



Protanomaly

144, 152, 254



Deuteranomaly

141, 154, 249



Tritanomaly

170, 152, 201

Monochromacy



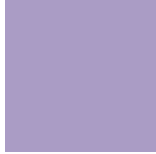
Original Color

180, 141, 252



Achromatopsia

165, 165, 165



Achromatomaly

170, 156, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 141, 252 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, 141, 252)` looks like.

```
.text, #text, p{  
    color:rgb(180, 141, 252)  
}
```

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, 141, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 252) }
```

Border

The CSS property to change the border of an element to RGB 180, 141, 252 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, 141, 252) }
```

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

```
.border{ border-color:rgb(180, 141, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 141, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 141, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 141, 252);  
box-shadow:4px 4px 4px 4px rgb(180, 141,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 180, 141, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 252) }
```

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

```
.background{ background-color: rgb(180,  
141, 252) }
```

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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