Converting Colors

RGB(180, 125, 228)

Have a look what the booklet for RGB(180, 125, 228) contains.

Color

RGB(180, 125, 228)

Conversions

Conversions Part 1

Format	Color
Hex	B47DE4
RGB	180, 125, 228
RGB Percent	71%, 49%, 89%
CMY	0.2941, 0.5098, 0.1059
CMYK	0.21, 0.45, 0.00, 0.11
HSL	272°, 66%, 69%
HSV	272°, 45%, 89%
XYZ	40.1596, 29.9720, 77.0673
YIQ	153.1870, -0.2830, 43.6930

Conversions

Conversions Part 2

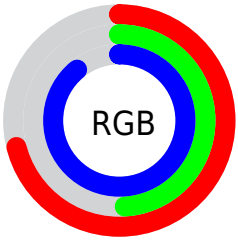
Format	Color
RYB	180, 125, 228
Decimal	11828708
CIELab	61.63, 40.58, -44.39
CIELCh	62, 60.145, 312.431
Yxy	29.9720, 0.2728, 0.2036
Android (android.graphics.Color)	4290018788 (0xFFB47DE4)
YUV	153.1870, 36.8828, 23.5150
Hunter-Lab	54.7467, 35.1326, -45.1404

Details

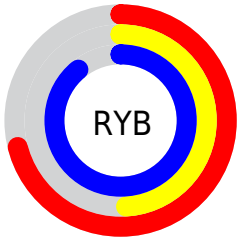
The RGB color 180, 125, 228 is a light color, and the websafe version is hex 9966CC. A complement of this color would be 173, 228, 125, and the grayscale version is 153, 153, 153.

A 20% lighter version of the original color is 237, 179, 255, and 125, 74, 172 is the 20% darker color. If you saturate the color by 10%, you get 169, 102, 228, and if you desaturate by 10%, it is 191, 148, 228.

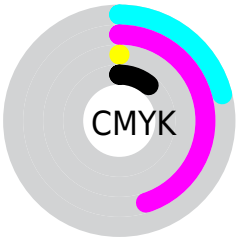
Distribution



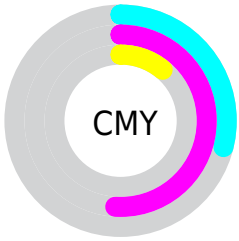
- Red (71%)
- Green (49%)
- Blue (89%)



- Red (71%)
- Yellow (49%)
- Blue (89%)



- Cyan (21%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 125, 228 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, 125, 228 by changing the saturation by 10% instead.

180, 125, 228

255, 255, 255

237, 179, 255

255, 207, 255

255, 235, 255

180, 125, 228

152, 99, 200

125, 74, 172

98, 50, 145

72, 25, 119

45, 0, 94

22, 0, 70

0, 0, 46

0, 1, 24

0, 0, 0

180, 125, 228

169, 102, 228

159, 79, 228

148, 57, 228

137, 34, 228

127, 11, 228

122, 0, 228

180, 125, 228

191, 148, 228

201, 171, 228

212, 193, 228

223, 216, 228

233, 239, 228

244, 255, 228

254, 255, 228

255, 255, 228

Harmonies

Analogous

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

84, 147, 253

180, 125, 228

229, 104, 182

Triad

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

180, 125, 228

202, 135, 41

0, 174, 170

Complementary

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

180, 125, 228

173, 228, 125

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, 172, 115

180, 125, 228

156, 153, 31

Square

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

180, 125, 228

234, 113, 79

96, 166, 65

0, 172, 220

Rectangle

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

180, 125, 228

244, 98, 147

96, 166, 65

0, 174, 152

Sweetspot

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

180, 125, 228

238, 219, 255

125, 173, 228

117, 106, 128

0, 0, 0

128, 128, 128

Same Dimension

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

180, 125, 228

191, 117, 255

228, 125, 225

109, 103, 115

95, 0, 179

27, 0, 51

Inverse Universe

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

228, 125, 173

255, 117, 181

125, 228, 128

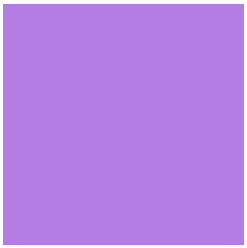
115, 103, 109

179, 0, 83

51, 0, 24

Previews

White Background

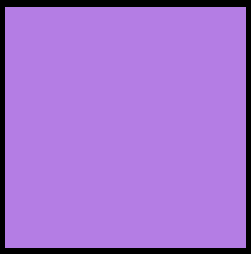


This preview shows how the RGB color 180, 125, 228 looks on a white background.

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



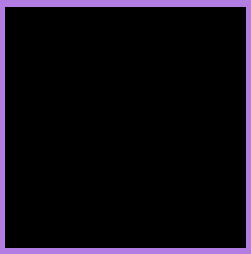
This preview shows how the RGB color 180, 125, 228 looks on a black background.

Color Contrast Check

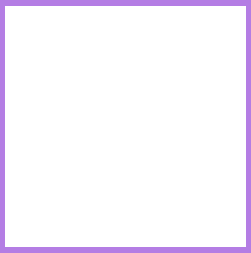
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 180, 125, 228 Background



This preview shows how black text looks on a background with the RGB color 180, 125, 228.

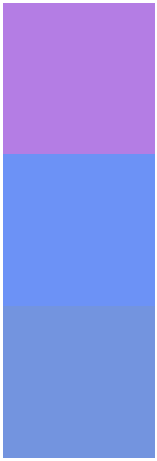


This preview shows how white text looks on a background with the RGB color 180, 125, 228.

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



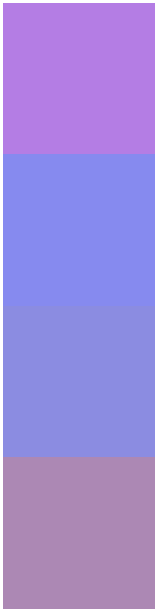
Original Color
180, 125, 228

Protanopia
108, 146, 246

Deuteranopia
115, 148, 223

Tritanopia
167, 142, 153

Trichromacy



Original Color
180, 125, 228

Protanomaly
134, 138, 239

Deuteranomaly
139, 140, 225

Tritanomaly
172, 136, 180

Monochromacy

Original Color
180, 125, 228

Achromatopsia
153, 153, 153

Achromatomaly
163, 143, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 125, 228 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, 125, 228) looks like.

```
.text, #text, p{
    color:rgb(180, 125, 228)
}
```

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, 125, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 125, 228) }
```

Border

The CSS property to change the border of an element to RGB 180, 125, 228 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, 125, 228) }
```

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

```
.border{ border-color:rgb(180, 125, 228) }
```

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

Here you see how a box with a 4 pixel rgb(180, 125, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 125, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 125, 228); box-shadow:4px 4px 4px 4px rgb(180, 125, 228) }
```

Background

The CSS property to change the background color of an element to RGB 180, 125, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 125, 228) }
```

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

```
.background{ background-color:rgb(180,
125, 228) }
```

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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