

Converting Colors

RGB(181, 125, 187)

Have a look what the booklet for
RGB(181, 125, 187) contains.

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Color

RGB(181, 125, 187)

Conversions

Conversions Part 1

Format	Color
Hex	B57DBB
RGB	181, 125, 187
RGB Percent	71%, 49%, 73%
CMY	0.2902, 0.5098, 0.2667
CMYK	0.03, 0.33, 0.00, 0.27
HSL	294°, 31%, 61%
HSV	294°, 33%, 73%
XYZ	35.3593, 28.0788, 50.5698
YIQ	148.8120, 13.4740, 31.1540

Conversions

Conversions Part 2

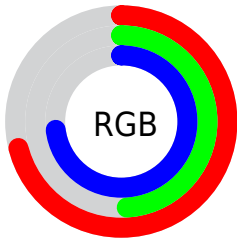
Format	Color
R _Y B	181, 125, 187
Decimal	11894203
CIE Lab	59.96, 32.19, -23.92
CIE LCh	60, 40.105, 323.387
Yxy	28.0788, 0.3101, 0.2463
Android (android.graphics.Color)	4290084283 (0xFFB57DBB)
YUV	148.8120, 18.8267, 28.2289
Hunter-Lab	52.9895, 26.3796, -19.4900

Details

The RGB color **181, 125, 187** is a light color, and the websafe version is hex **996699**. A complement of this color would be **131, 187, 125**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **238, 178, 243**, and **127, 75, 134** is the 20% darker color. If you saturate the color by 10%, you get **179, 106, 187**, and if you desaturate by 10%, it is **183, 144, 187**.

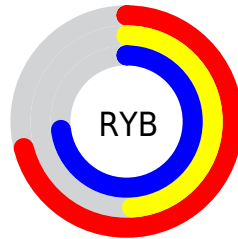
Distribution



Red (71%)

Green (49%)

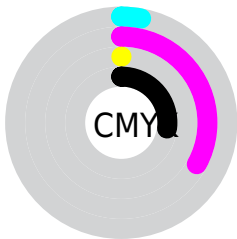
Blue (73%)



Red (71%)

Yellow (49%)

Blue (73%)

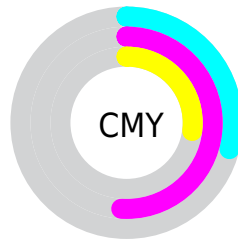


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 125, 187 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 181, 125, 187 by changing the saturation by 10% instead.


 181, 125, 187

255, 255, 255

 238, 178, 243


 255, 206, 255

 255, 235, 255

 181, 125, 187

 154, 99, 160

 127, 75, 134

 101, 51, 108


 76, 27, 84


 52, 3, 60

 34, 0, 39


 0, 1, 15

 0, 0, 0


 181, 125, 187


 181, 125, 187

 179, 106, 187

 183, 144, 187

 177, 88, 187

 185, 162, 187

 176, 69, 187


 186, 181, 187

 174, 50, 187

 188, 200, 187

 172, 31, 187

 190, 219, 187

 170, 13, 187

 192, 237, 187

 169, 0, 187

 194, 255, 187

 195, 255, 187

 197, 255, 187

Harmonies

Analogous

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



136, 138, 209



181, 125, 187



206, 116, 154

Triad

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



181, 125, 187



173, 140, 73



0, 163, 171

Complementary

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



181, 125, 187



131, 187, 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.



36, 162, 135



181, 125, 187



139, 151, 78

Square

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



181, 125, 187



199, 127, 89



97, 158, 101



0, 159, 200

Rectangle

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



181, 125, 187



212, 116, 130



97, 158, 101



0, 163, 160

Sweetspot

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



181, 125, 187



240, 218, 242



125, 131, 187



121, 108, 122



250, 250, 250



122, 122, 122

Same Dimension

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



181, 125, 187



233, 145, 242



187, 125, 162



93, 85, 94



143, 0, 158



28, 0, 31

Inverse Universe

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



187, 125, 131



242, 145, 155



125, 187, 150



94, 85, 86



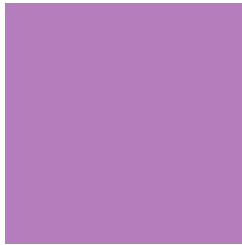
158, 0, 15



31, 0, 3

Previews

White Background



This preview shows how the RGB color 181, 125, 187 looks on a white background.

Color Contrast Check

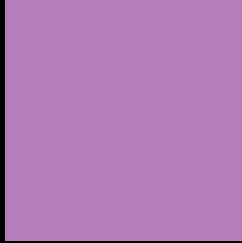
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 125, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

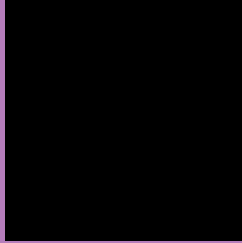
Any Text WCAG AA ✓ Pass

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 181, 125, 187 Background



This preview shows how black text looks on a background with the RGB color 181, 125, 187.



This preview shows how white text looks on a background with the RGB color 181, 125, 187.

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
181, 125, 187

Protanopia
128, 143, 200

Deuteranopia
138, 142, 184



Tritanopia
175, 134, 144

Trichromacy



Original Color
181, 125, 187

Protanomaly
147, 136, 195

Deuteranomaly
154, 136, 185

Tritanomaly
177, 131, 160

Monochromacy



Original Color
181, 125, 187

Achromatopsia
149, 149, 149

Achromatomaly
161, 140, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 125, 187 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(181, 125, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 187)  
}
```

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(181, 125, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 187) }
```

Border

The CSS property to change the border of an element to RGB 181, 125, 187 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(181, 125, 187) }
```

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

```
.border{ border-color:rgb(181, 125, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 125, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 125, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 125, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 125,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 181, 125, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 125, 187) }
```

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

```
.background{ background-color: rgb(181,  
125, 187) }
```

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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