

Converting Colors

RGB(135, 125, 181)

Have a look what the booklet for
RGB(135, 125, 181) contains.

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Color

RGB(135, 125, 181)

Conversions

Conversions Part 1

Format	Color
Hex	877DB5
RGB	135, 125, 181
RGB Percent	53%, 49%, 71%
CMY	0.4706, 0.5098, 0.2902
CMYK	0.25, 0.31, 0.00, 0.29
HSL	251°, 27%, 60%
HSV	251°, 31%, 71%
XYZ	25.6658, 23.1543, 46.8326
YIQ	134.3740, -12.0160, 19.5360

Conversions

Conversions Part 2

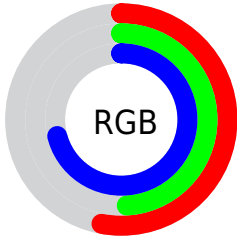
Format	Color
R_{YB}	135, 125, 181
Decimal	8879541
CIE _{Lab}	55.23, 16.15, -28.16
CIE _{LCh}	55, 32.460, 299.833
Yxy	23.1543, 0.2683, 0.2421
Android (android.graphics.Color)	4287069621 (0xFF877DB5)
YUV	134.3740, 22.9866, 0.5490
Hunter-Lab	48.1189, 11.0006, -24.0217

Details

The RGB color **135, 125, 181** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **171, 181, 125**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **189, 178, 237**, and **84, 76, 128** is the 20% darker color. If you saturate the color by 10%, you get **120, 107, 181**, and if you desaturate by 10%, it is **150, 143, 181**.

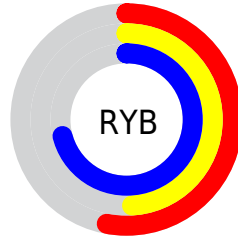
Distribution



Red (53%)

Green (49%)

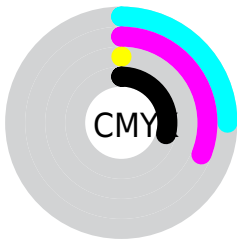
Blue (71%)



Red (53%)

Yellow (49%)

Blue (71%)

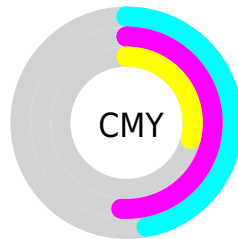


Cyan (25%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 125, 181 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 135, 125, 181 by changing the saturation by 10% instead.

■ 135, 125, 181

255, 255, 255

■ 189, 178, 237

■ 217, 205, 255

■ 246, 233, 255

■ 135, 125, 181

■ 109, 100, 154

■ 84, 76, 128

■ 59, 53, 103

■ 35, 32, 78

■ 11, 11, 55


■ 0, 2, 33


■ 0, 0, 7

■ 0, 0, 0

■ 135, 125, 181

■ 135, 125, 181


 120, 107, 181

 150, 143, 181


 105, 89, 181


 165, 161, 181

 90, 71, 181

 180, 179, 181

 76, 53, 181

 194, 197, 181

 61, 35, 181

 209, 216, 181

 46, 16, 181

 224, 234, 181

 32, 0, 181

 239, 252, 181

 254, 255, 181

 255, 255, 181

Harmonies

Analogous

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



90, 135, 188



135, 125, 181



167, 115, 161

Triad

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



135, 125, 181



173, 121, 84



47, 147, 131

Complementary

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



135, 125, 181



171, 181, 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.



88, 145, 103



135, 125, 181



151, 130, 75

Square

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



135, 125, 181



186, 113, 106



122, 139, 82



0, 147, 159

Rectangle

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



135, 125, 181



181, 111, 143



122, 139, 82



62, 147, 121

Sweetspot

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



135, 125, 181



217, 213, 235



125, 172, 181



107, 104, 117



245, 245, 245



117, 117, 117

Same Dimension

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



135, 125, 181



163, 148, 235



162, 125, 181



82, 80, 89



27, 0, 153



5, 0, 26

Inverse Universe

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



181, 125, 171



235, 148, 219



144, 181, 125



89, 80, 88



153, 0, 126



26, 0, 21

Previews

White Background



This preview shows how the RGB color 135, 125, 181 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 135, 125, 181 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 135, 125, 181 Background



This preview shows how black text looks on a background with the RGB color 135, 125, 181.



This preview shows how white text looks on a background with the RGB color 135, 125, 181.

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](#).

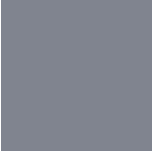
Dichromacy



Original Color
135, 125, 181

Protanopia
115, 130, 185

Deuteranopia
118, 130, 180



Tritanopia
128, 132, 143

Trichromacy



Original Color
135, 125, 181

Protanomaly
122, 128, 184

Deuteranomaly
124, 128, 180

Tritanomaly
131, 129, 157

Monochromacy



Original Color
135, 125, 181

Achromatopsia
134, 134, 134

Achromatomaly
134, 131, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 125, 181 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(135, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(135, 125, 181)  
}
```

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(135, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 125, 181) }
```

Border

The CSS property to change the border of an element to RGB 135, 125, 181 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(135, 125, 181) }
```

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

```
.border{ border-color:rgb(135, 125, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 125, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 125, 181);  
box-shadow:4px 4px 4px 4px rgb(135, 125,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 135, 125, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 125, 181) }
```

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

```
.background{ background-color: rgb(135,  
125, 181) }
```

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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