

# Converting Colors

RGB(121, 120, 130)

Have a look what the booklet for  
RGB(121, 120, 130) contains.

<b>RGB(121, 120, 130)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(121, 120, 130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797882
RGB	121, 120, 130
RGB Percent	47%, 47%, 51%
CMY	0.5255, 0.5294, 0.4902
CMYK	0.07, 0.08, 0.00, 0.49
HSL	246°, 4%, 49%
HSV	246°, 8%, 51%
XYZ	18.6309, 19.1096, 23.8257
YIQ	121.4390, -2.6140, 3.3220

# Conversions

## Conversions Part 2

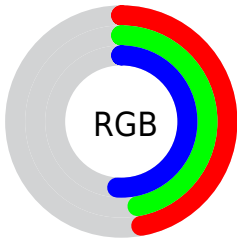
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 120, 130
Decimal	7960706
CIE <sub>Lab</sub>	50.82, 2.45, -5.32
CIE <sub>LCh</sub>	51, 5.859, 294.736
Yxy	19.1096, 0.3026, 0.3104
Android (android.graphics.Color)	4286150786 (0xFF797882)
YUV	121.4390, 4.2206, -0.3850
Hunter-Lab	43.7145, -0.4247, -1.7146

# Details

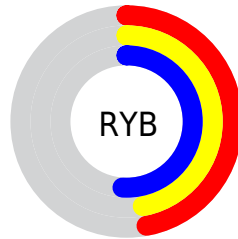
The RGB color **121, 120, 130** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **129, 130, 120**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **173, 172, 183**, and **72, 72, 81** is the 20% darker color. If you saturate the color by 10%, you get **109, 107, 130**, and if you desaturate by 10%, it is **133, 133, 130**.

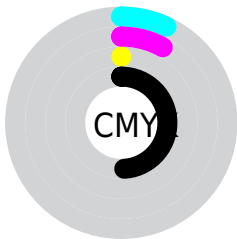
# Distribution



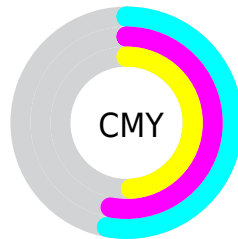
- Red (47%)
- Green (47%)
- Blue (51%)



- Red (47%)
- Yellow (47%)
- Blue (51%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 121, 120, 130 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 121, 120, 130 by changing the saturation by 10% instead.



■ 121, 120, 130

255, 255, 255

■ 173, 172, 183

■ 201, 200, 210

■ 229, 228, 239

■ 121, 120, 130

■ 96, 95, 105

■ 72, 72, 81

■ 50, 49, 58

■ 29, 28, 36

■ 3, 2, 15

■ 0, 0, 0

■ 121, 120, 130

■ 109, 107, 130

■ 98, 94, 130

■ 121, 120, 130

■ 133, 133, 130

■ 144, 146, 130

86, 81, 130

156, 159, 130

74, 68, 130

168, 172, 130

62, 55, 130

180, 185, 130

51, 42, 130

191, 198, 130

39, 29, 130

203, 211, 130

27, 16, 130

215, 224, 130

16, 3, 130

226, 237, 130

# Harmonies

## Analogous

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



115, 122, 131



121, 120, 130



127, 119, 127

# Triad

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



121, 120, 130



130, 119, 113



111, 124, 120

# Complementary

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



121, 120, 130



129, 130, 120

# 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.



115, 123, 115



121, 120, 130



126, 120, 111

# Square

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



121, 120, 130



132, 118, 117



121, 122, 112



109, 124, 125

# Rectangle

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



121, 120, 130



130, 118, 124



121, 122, 112



112, 124, 118



# Sweetspot

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



121, 120, 130



165, 165, 168



120, 129, 130



83, 82, 84



212, 212, 212



84, 84, 84



# Same Dimension

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



121, 120, 130



155, 153, 168



126, 120, 130



58, 57, 64



13, 0, 128



0, 0, 0



# Inverse Universe

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



130, 120, 129



168, 153, 167



124, 130, 120



64, 57, 63



128, 0, 115



0, 0, 0



# Previews

## White Background



This preview shows how the RGB color 121, 120, 130 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 121, 120, 130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

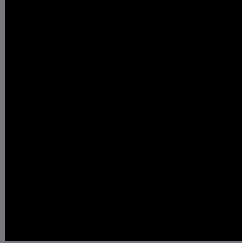
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

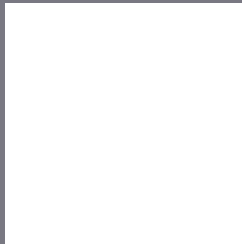
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 121, 120, 130 Background



This preview shows how black text looks on a background with the RGB color 121, 120, 130.



This preview shows how white text looks on a background with the RGB color 121, 120, 130.

# 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

121, 120, 130

### Protanopia

120, 120, 130

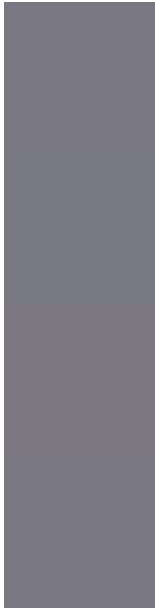
### Deuteranopia

128, 118, 130



**Tritanopia**  
121, 120, 130

# Trichromacy



## Original Color

121, 120, 130

## Protanomaly

120, 120, 130

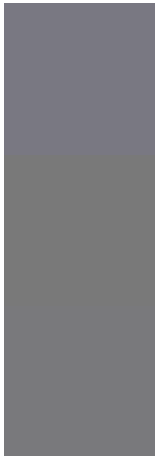
## Deuteranomaly

125, 119, 130

## Tritanomaly

121, 120, 130

# Monochromacy



## Original Color

121, 120, 130

## Achromatopsia

121, 121, 121

## Achromatomaly

121, 121, 124

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 121, 120, 130 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(121, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(121, 120, 130)  
}
```

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(121, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 120, 130) }
```

## Border

The CSS property to change the border of an element to RGB 121, 120, 130 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(121, 120, 130) }
```

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

```
.border{ border-color:rgb(121, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(121, 120,  
130) }
```

# Background

The CSS property to change the background color of an element to RGB 121, 120, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 120, 130) }
```

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

```
.background{ background-color: rgb(121,  
120, 130) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor