

# Converting Colors

RGB(96, 101, 106)

Have a look what the booklet for  
RGB(96, 101, 106) contains.

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# Color

**RGB(96, 101, 106)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60656A
RGB	96, 101, 106
RGB Percent	38%, 40%, 42%
CMY	0.6235, 0.6039, 0.5843
CMYK	0.09, 0.05, 0.00, 0.58
HSL	210°, 5%, 40%
HSV	210°, 9%, 42%
XYZ	12.0791, 12.8348, 15.4764
YIQ	100.0750, -4.5850, 0.4950

# Conversions

## Conversions Part 2

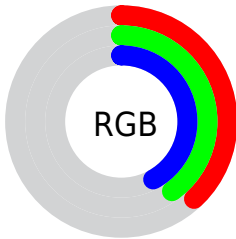
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 99, 106
Decimal	6317418
CIE Lab	42.51, -0.83, -3.49
CIE LCh	43, 3.588, 256.631
Yxy	12.8348, 0.2991, 0.3178
Android (android.graphics.Color)	4284507498 (0xFF60656A)
YUV	100.0750, 2.9210, -3.5738
Hunter-Lab	35.8256, -2.5113, -0.5349

# Details

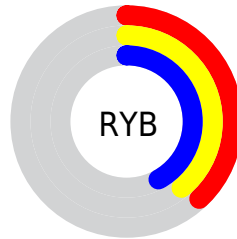
The RGB color **96, 101, 106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106, 101, 96**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **147, 152, 157**, and **50, 54, 59** is the 20% darker color. If you saturate the color by 10%, you get **85, 96, 106**, and if you desaturate by 10%, it is **107, 106, 106**.

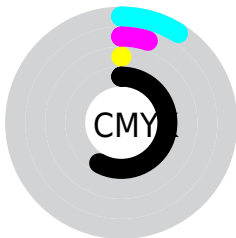
# Distribution



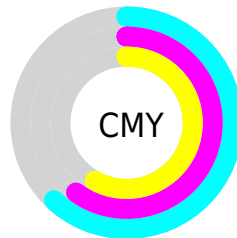
- Red (38%)
- Green (40%)
- Blue (42%)



- Red (38%)
- Yellow (39%)
- Blue (42%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 96, 101, 106 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 96, 101, 106 by changing the saturation by 10% instead.





96, 101, 106



96, 101, 106

255, 255, 255



72, 77, 82



147, 152, 157



50, 54, 59



173, 179, 184



29, 33, 37



200, 206, 212



3, 10, 16



229, 234, 240



0, 0, 0



96, 101, 106



96, 101, 106



85, 96, 106



107, 106, 106



75, 90, 106



117, 112, 106



64, 85, 106



128, 117, 106

■ 54, 80, 106

■ 138, 122, 106

■ 43, 74, 106

■ 149, 128, 106

■ 32, 69, 106

■ 160, 133, 106

■ 22, 64, 106

■ 170, 138, 106

■ 11, 59, 106

■ 181, 143, 106

■ 1, 53, 106

■ 191, 149, 106

# Harmonies

## Analogous

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



94, 102, 105



96, 101, 106



99, 100, 106

# Triad

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



96, 101, 106



107, 98, 99



98, 102, 96

# Complementary

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



96, 101, 106



106, 101, 96

# 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.



101, 101, 95



96, 101, 106



106, 99, 96

# Square

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



96, 101, 106



106, 99, 102



104, 100, 95



95, 102, 99

# Rectangle

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



96, 101, 106



102, 99, 105



104, 100, 95



99, 101, 96



# Sweetspot

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



96, 101, 106



134, 136, 138



96, 106, 101



66, 67, 69



196, 196, 196



69, 69, 69



# Same Dimension

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



96, 101, 106



123, 130, 138



96, 96, 106



48, 51, 54



0, 59, 117



0, 122, 245



# Inverse Universe

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



106, 96, 101



138, 123, 130



106, 106, 96



54, 48, 51



117, 0, 59

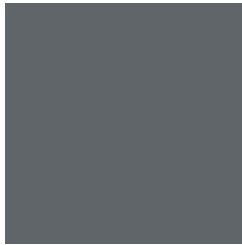


245, 0, 122



# Previews

## White Background



This preview shows how the RGB color 96, 101, 106 looks on a white background.

## Color Contrast Check

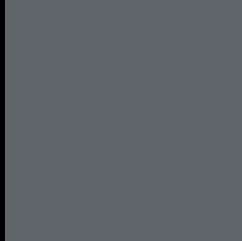
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 96, 101, 106 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

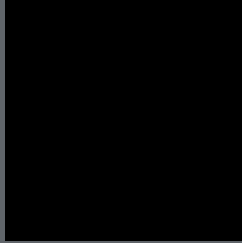
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

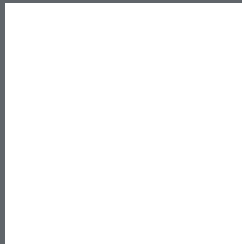
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 96, 101, 106 Background



This preview shows how black text looks on a background with the RGB color 96, 101, 106.



This preview shows how white text looks on a background with the RGB color 96, 101, 106.

# 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**

96, 101, 106

**Protanopia**

101, 100, 105

**Deuteranopia**

107, 97, 107



**Tritanopia**  
96, 101, 109

# Trichromacy



## Original Color

96, 101, 106

## Protanomaly

99, 100, 105

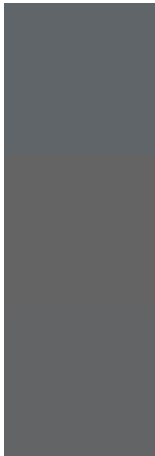
## Deuteranomaly

103, 98, 107

## Tritanomaly

96, 101, 108

# Monochromacy



## Original Color

96, 101, 106

## Achromatopsia

100, 100, 100

## Achromatomaly

99, 100, 102

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 96, 101, 106 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(96, 101, 106) looks like.

```
.text, #text, p{  
    color:rgb(96, 101, 106)  
}
```

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(96, 101, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 106) }
```

## Border

The CSS property to change the border of an element to RGB 96, 101, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

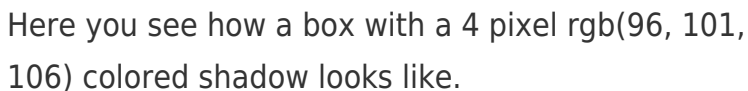
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 101, 106) }
```

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

```
.border{ border-color:rgb(96, 101, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 101, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 101, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 101, 106); box-shadow:4px 4px 4px 4px rgb(96, 101, 106) }
```

# Background

The CSS property to change the background color of an element to RGB 96, 101, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 101, 106) }
```

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

```
.background{ background-color: rgb(96, 101,  
106) }
```

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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