

# Converting Colors

Hex(556177)

Have a look what the booklet for  
Hex(556177) contains.

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# Color

Hex(556177)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	556177
RGB	85, 97, 119
RGB Percent	33%, 38%, 47%
CMY	0.6667, 0.6196, 0.5333
CMYK	0.29, 0.18, 0.00, 0.53
HSL	219°, 17%, 40%
HSV	219°, 29%, 47%
XYZ	11.3508, 11.8126, 19.1346
YIQ	95.9200, -14.2140, 4.2980

# Conversions

## Conversions Part 2

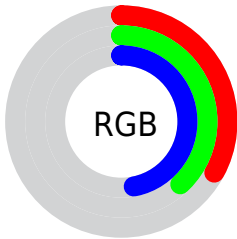
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 94, 119
Decimal	5595511
CIE Lab	40.92, 0.89, -13.89
CIE LCh	41, 13.922, 273.684
Yxy	11.8126, 0.2684, 0.2793
Android (android.graphics.Color)	4283785591 (0xFF556177)
YUV	95.9200, 11.3784, -9.5768
Hunter-Lab	34.3695, -1.1955, -8.9500

# Details

The Hex color **556177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776B55**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8794AB**, and **263347** is the 20% darker color. If you saturate the color by 10%, you get **495977**, and if you desaturate by 10%, it is **616977**.

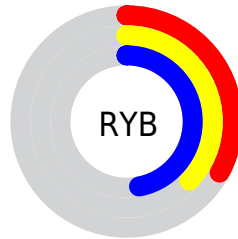
# Distribution



 Red (33%)

 Green (38%)

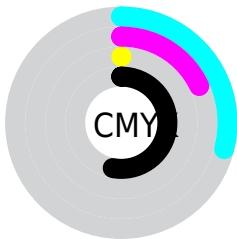
 Blue (47%)




 Red (33%)

 Yellow (37%)

 Blue (47%)

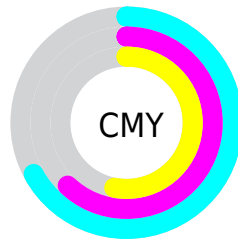


 Cyan (29%)


 Magenta (18%)

 Yellow (0%)

 Black (53%)



 Cyan (67%)

 Magenta (62%)

 Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 556177 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 Hex color 556177 by changing the saturation by 10% instead.



■ 556177

■ 556177

FFFFFF

■ 3D495E

■ 8794AB

■ 263347

■ A2AEC7

■ 101E30

■ BDC9E3

■ 00041C

■ D9E6FF

■ 000000

■ F6FFFF

■ 556177

■ 556177

■ 495977

■ 616977

■ 3D5277

■ 6D7077

■ 314A77

■ 797877

■ 254277

■ 858077

■ 193B77

■ 908777

■ 0E3377

■ 9C8F77

■ 022B77

■ A89777

■ 002A77

■ B49F77

■ C0A677

# Harmonies

## Analogous

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



476475



556177



645D73

# Triad

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



556177



775954



4E6656

# Complementary

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



556177



776B55

# 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.



5B644D



556177



725C4C

# Square

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



556177



77585F



68604A



446762

# Rectangle

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



556177



6D5B6E



68604A



526553



# Sweetspot

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



556177



8E929C



55776B



46494F



CFCFCF



4F4F4F



# Same Dimension

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



556177



67799C



5A5577



35373B



002B7A



0058FA



# Inverse Universe

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



775561



9C6779



727755



3B3537



7A002B

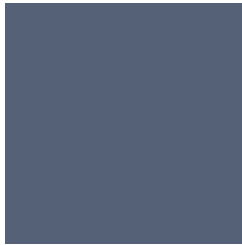


FA0058



# Previews

## White Background



This preview shows how the Hex color 556177 looks on a white background.

## Color Contrast Check

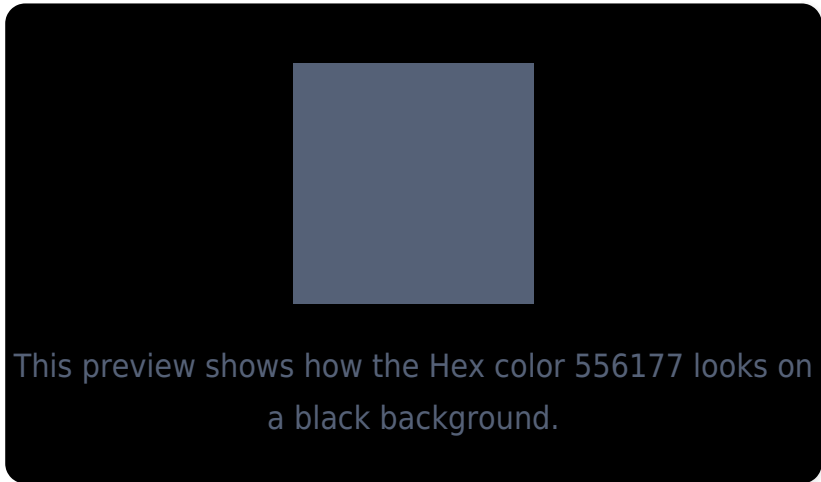
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

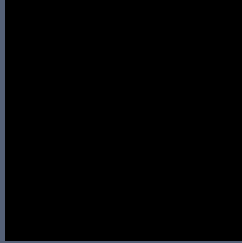
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

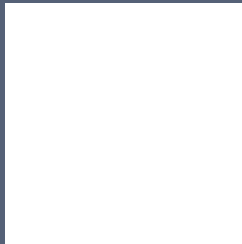
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 556177 Background



This preview shows how black text looks on a background with the Hex color 556177.

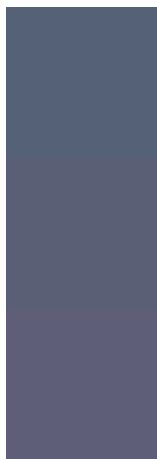


This preview shows how white text looks on a background with the Hex color 556177.

# 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**  
556177

**Protanopia**  
5B5F76

**Deuteranopia**  
5E5E78



**Tritanopia**  
52636B

# Trichromacy



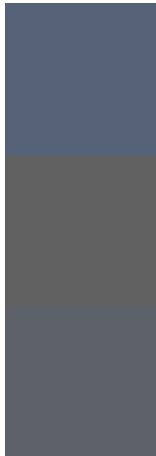
**Original Color**  
556177

**Protanomaly**  
596076

**Deuteranomaly**  
5B5F78

**Tritanomaly**  
53626F

# Monochromacy



**Original Color**  
556177

**Achromatopsia**  
606060

**Achromatomaly**  
5C6068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 556177 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 #556177 looks like.

```
.text, #text, p{  
    color:#556177  
}
```

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 #556177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556177
}
```

## Border

The CSS property to change the border of an element to Hex 556177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

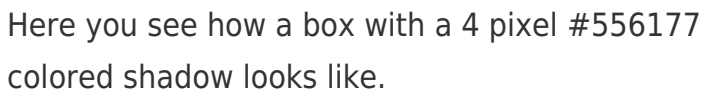
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#556177 }
```

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

```
.border{ border-color:#556177 }
```

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



Here you see how a box with a 4 pixel #556177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556177; -webkit-box-shadow:4px 4px  
4px 4px #556177; box-shadow:4px 4px 4px  
4px #556177 }
```

# Background

The CSS property to change the background color of an element to Hex 556177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556177 }
```

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

```
.background{ background-color:#556177 }
```

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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