

# Converting Colors

Hex(5E6138)

Have a look what the booklet for  
Hex(5E6138) contains.

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# Color

**Hex(5E6138)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E6138
RGB	94, 97, 56
RGB Percent	37%, 38%, 22%
CMY	0.6314, 0.6196, 0.7804
CMYK	0.03, 0.00, 0.42, 0.62
HSL	64°, 27%, 30%
HSV	64°, 42%, 38%
XYZ	9.6046, 11.2146, 5.3998
YIQ	91.4290, 11.3730, -13.3870

# Conversions

## Conversions Part 2

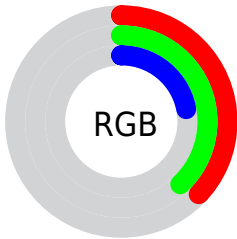
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 97, 59
Decimal	6185272
CIELab	39.94, -8.23, 22.97
CIELCh	40, 24.397, 109.712
Yxy	11.2146, 0.3663, 0.4277
Android (android.graphics.Color)	4284375352 (0xFF5E6138)
YUV	91.4290, -17.4665, 2.2548
Hunter-Lab	33.4882, -7.4096, 13.8815

# Details

The Hex color **5E6138** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3861**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **919468**, and **2F330C** is the 20% darker color. If you saturate the color by 10%, you get **5D612E**, and if you desaturate by 10%, it is **5F6142**.

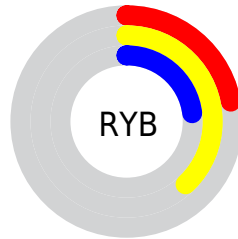
# Distribution



Red (37%)

Green (38%)

Blue (22%)



Red (22%)

Yellow (38%)

Blue (23%)

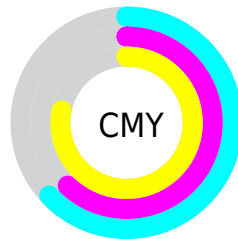


Cyan (3%)

Magenta (0%)

Yellow (42%)

Black (62%)



Cyan (63%)

Magenta (62%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E6138 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 5E6138 by changing the saturation by 10% instead.





5E6138



5E6138

FFFFFF



464922



919468



2F330C



ACAE81



1A1E00



C8C99B



000000



E4E6B6



FFFFD2



FFFEE



5E6138



5E6138



5D612E



5F6142

■ 5D6125

■ 5F614B

■ 5C611B

■ 606155

■ 5B6111

■ 61615F

■ 5A6107

■ 626168

■ 5A6100

■ 626172

■ 63617C

■ 646186

■ 64618F

# Harmonies

## Analogous

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



715B37



5E6138



476644

# Triad

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



5E6138



12677C



804F66

# Complementary

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



5E6138



3B3861

# 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.



705478



5E6138



356285

# Square

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



5E6138



11696B



565B83



854F52

# Rectangle

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



5E6138



366850



565B83



7C516C



# Sweetspot

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



5E6138



7C7D6D



613B38



3F4036



BFBFBF



404040



# Same Dimension

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



5E6138



787D3D



4A6138



30302C



687000



DEF000



# Inverse Universe

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



3B3861



423D7D



4F3861



2C2C30



080070



1200F0



# Previews

## White Background



This preview shows how the Hex color 5E6138 looks on a white background.

## Color Contrast Check

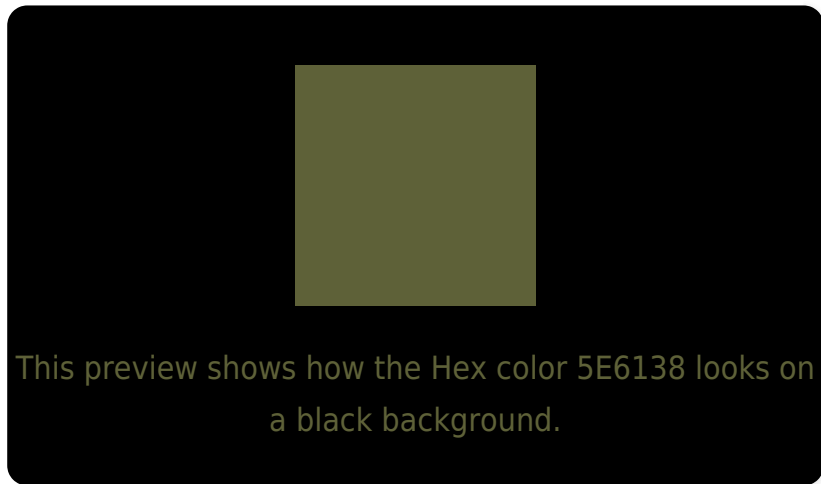
Large Text (above 18pt) WCAG AA ✓ Pass

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

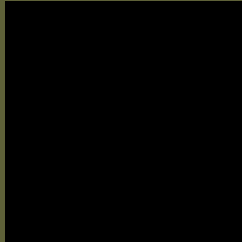
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E6138 Background



This preview shows how black text looks on a background with the Hex color 5E6138.



This preview shows how white text looks on a background with the Hex color 5E6138.

# 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**  
5E6138

**Protanopia**  
675E37

**Deuteranopia**  
725A3A



**Tritanopia**  
635C63

# Trichromacy



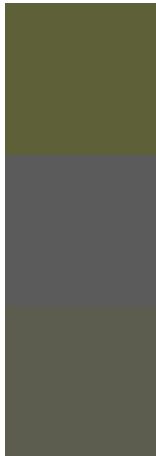
**Original Color**  
5E6138

**Protanomaly**  
645F37

**Deuteranomaly**  
6B5D39

**Tritanomaly**  
615E53

# Monochromacy



**Original Color**  
5E6138

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5C5D4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E6138 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 #5E6138 looks like.

```
.text, #text, p{  
    color:#5E6138  
}
```

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 #5E6138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6138
}
```

## Border

The CSS property to change the border of an element to Hex 5E6138 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
#5E6138 }
```

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

```
.border{ border-color:#5E6138 }
```

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

Here you see how a box with a 4 pixel #5E6138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6138; -webkit-box-shadow:4px 4px  
4px 4px #5E6138; box-shadow:4px 4px 4px  
4px #5E6138 }
```

# Background

The CSS property to change the background color of an element to Hex 5E6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6138 }
```

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

```
.background{ background-color:#5E6138 }
```

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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