

# Converting Colors

Hex(56613B)

Have a look what the booklet for  
Hex(56613B) contains.

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**Color**

**Hex(56613B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	56613B
RGB	86, 97, 59
RGB Percent	34%, 38%, 23%
CMY	0.6627, 0.6196, 0.7686
CMYK	0.11, 0.00, 0.39, 0.62
HSL	77°, 24%, 31%
HSV	77°, 39%, 38%
XYZ	8.9019, 10.8436, 5.7615
YIQ	89.3790, 5.6420, -14.1500

# Conversions

## Conversions Part 2

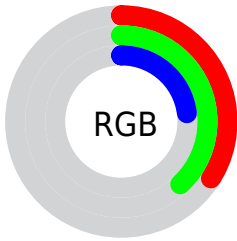
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 97, 70
Decimal	5660987
CIELab	39.32, -11.36, 20.29
CIElCh	39, 23.253, 119.258
Yxy	10.8436, 0.3490, 0.4251
Android (android.graphics.Color)	4283851067 (0xFF56613B)
YUV	89.3790, -14.9768, -2.9634
Hunter-Lab	32.9296, -9.3729, 12.6771

# Details

The Hex color **56613B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **463B61**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **88946B**, and **283310** is the 20% darker color. If you saturate the color by 10%, you get **536131**, and if you desaturate by 10%, it is **596145**.

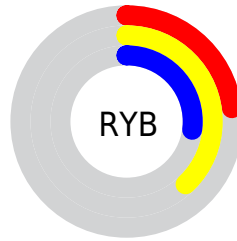
# Distribution



 Red (34%)

 Green (38%)

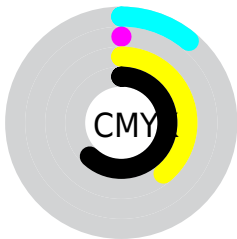
 Blue (23%)



 Red (23%)

 Yellow (38%)

 Blue (27%)

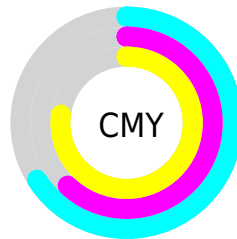


 Cyan (11%)

 Magenta (0%)

 Yellow (39%)

 Black (62%)



 Cyan (66%)

 Magenta (62%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56613B 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 56613B by changing the saturation by 10% instead.



 56613B

 56613B

FFFFFF

 3E4925

 88946B

 283310

 A3AE84

 141E00

 BECA9E

 000000

 DAE6B9

 F7FFD5

 FFFFF2

 56613B

 56613B

 536131

 596145

■ 506128

■ 5C614E

■ 4E611E

■ 5E6158

■ 4B6114

■ 616162

■ 48610A

■ 64616C

■ 456101

■ 676175

■ 456100

■ 6A617F

■ 6C6189

■ 6F6192

# Harmonies

## Analogous

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



6A5B37



56613B



406549

# Triad

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



56613B



22647D



804E5E

# Complementary

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



56613B



463B61

# 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.



745170



56613B



415F82

# Square

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



56613B



13666E



5E587E



814F4B

# Rectangle

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



56613B



306655



5E587E



7D4F64



# Sweetspot

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



56613B



797D6E



61463B



3D4037



BFBFBF



404040



# Same Dimension

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



56613B



6C7D42



43613B



2F302C



507000



AAF000



# Inverse Universe

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



463B61



53427D



593B61



2D2C30



200070



4500F0



# Previews

## White Background



This preview shows how the Hex color 56613B looks on a white background.

## Color Contrast Check

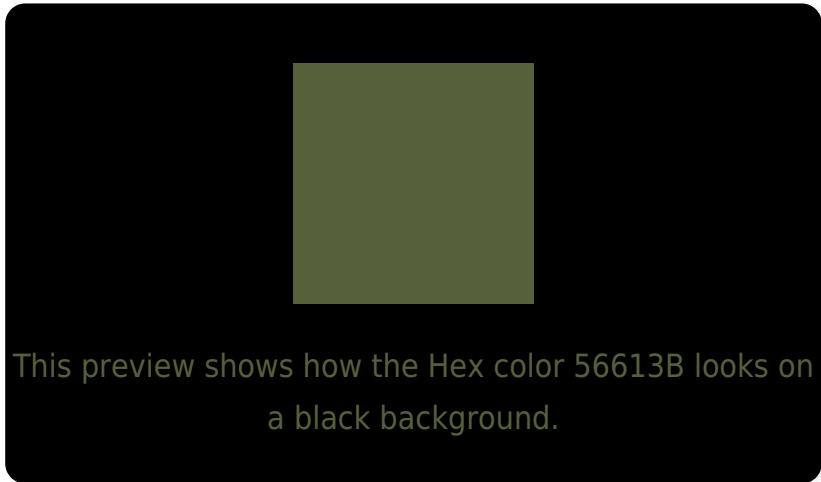
Large Text (above 18pt) WCAG AA ✓ Pass

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

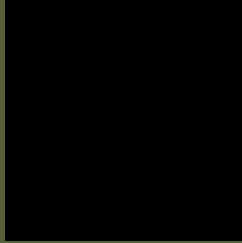
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56613B Background



This preview shows how black text looks on a background with the Hex color 56613B.



This preview shows how white text looks on a background with the Hex color 56613B.

# 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**  
56613B

**Protanopia**  
655C39

**Deuteranopia**  
6F583D



**Tritanopia**  
5B5C63

# Trichromacy



**Original Color**  
56613B

**Protanomaly**  
605E3A

**Deuteranomaly**  
665B3C

**Tritanomaly**  
595E54

# Monochromacy



**Original Color**  
56613B

**Achromatopsia**  
595959

**Achromatomaly**  
585C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56613B 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 #56613B looks like.

```
.text, #text, p{  
    color:#56613B  
}
```

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 #56613B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56613B
}
```

## Border

The CSS property to change the border of an element to Hex 56613B 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".

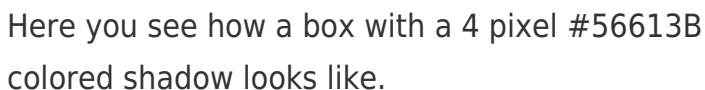
```
.border, #border, table{ border:4px solid
#56613B }
```

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

```
.border{ border-color:#56613B }
```

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

Here you see how a box with a 4 pixel #56613B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56613B; -webkit-box-shadow:4px 4px  
4px 4px #56613B; box-shadow:4px 4px 4px  
4px #56613B }
```

# Background

The CSS property to change the background color of an element to Hex 56613B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56613B }
```

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

```
.background{ background-color:#56613B }
```

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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