

# Converting Colors

Hex(56783D)

Have a look what the booklet for  
Hex(56783D) contains.

<b>Hex(56783D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(56783D)

# Conversions

## Conversions Part 1

Format	Color
Hex	56783D
RGB	86, 120, 61
RGB Percent	34%, 47%, 24%
CMY	0.6627, 0.5294, 0.7608
CMYK	0.28, 0.00, 0.49, 0.53
HSL	95°, 33%, 35%
HSV	95°, 49%, 47%
XYZ	11.3965, 15.7483, 6.8539
YIQ	103.1080, -1.3250, -25.5570

# Conversions

## Conversions Part 2

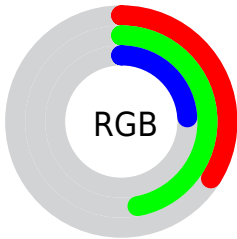
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 120, 95
Decimal	5666877
CIELab	46.64, -23.46, 28.45
CIELCh	47, 36.868, 129.508
Yxy	15.7483, 0.3352, 0.4632
Android (android.graphics.Color)	4283856957 (0xFF56783D)
YUV	103.1080, -20.7592, -15.0037
Hunter-Lab	39.6841, -18.1854, 17.5388

# Details

The Hex color **56783D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F3D78**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **89AD6E**, and **26470F** is the 20% darker color. If you saturate the color by 10%, you get **4F7831**, and if you desaturate by 10%, it is **5D7849**.

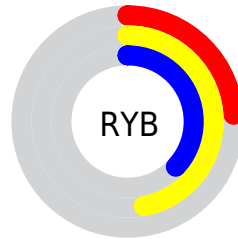
# Distribution



Red (34%)

Green (47%)

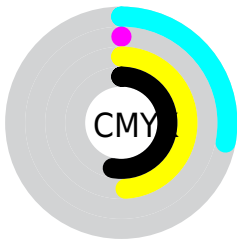
Blue (24%)



Red (24%)

Yellow (47%)

Blue (37%)

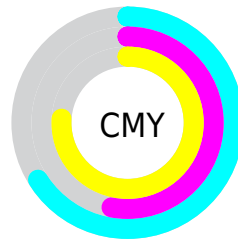


Cyan (28%)

Magenta (0%)

Yellow (49%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56783D 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 56783D by changing the saturation by 10% instead.



■ 56783D

■ 56783D

FFFFFF

■ 3E5F26

■ 89AD6E

■ 26470F

■ A4C887

■ 103000

■ C0E4A2

■ 001D00

■ DCFEFD

■ 000000

■ F9FFD9

■ FFFFF6

■ 56783D

■ 56783D

■ 4F7831

■ 5D7849

■ 487825

■ 647855

■ 417819

■ 6B7861

■ 3A780D

■ 72786D

■ 337801

■ 797879

■ 337800

■ 7F7885

■ 867891

■ 8D789D

■ 9478A9

# Harmonies

## Analogous

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



77702F



56783D



287D58

# Triad

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



56783D



0078A8



A95466

# Complementary

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



56783D



5F3D78

# 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.



9C5885



56783D



4C6EAB

# Square

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



56783D



007D95



7E639E



A45A49

# Rectangle

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



56783D



007E6D



7E639E



A65470



# Sweetspot

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



56783D



8E9C84



785E3D



474F41



CFCFCF



4F4F4F



# Same Dimension

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



56783D



679C40



3D7841



3A3D37



357D00



6BFC00



# Inverse Universe

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



5F3D78



75409C



783D74



3B373D



48007D



9100FC



# Previews

## White Background



This preview shows how the Hex color 56783D looks on a white background.

## Color Contrast Check

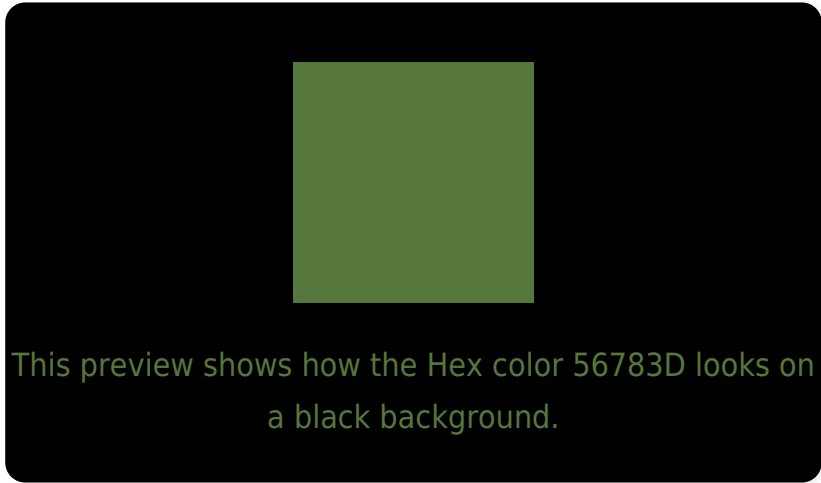
Large Text (above 18pt) WCAG AA ✓ Pass

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

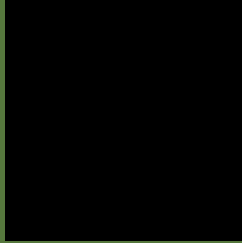
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56783D Background



This preview shows how black text looks on a background with the Hex color 56783D.



This preview shows how white text looks on a background with the Hex color 56783D.

# 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**  
56783D

**Protanopia**  
7A6E3A

**Deuteranopia**  
866941



**Tritanopia**  
5F717A

# Trichromacy



**Original Color**  
56783D

**Protanomaly**  
6D723B

**Deuteranomaly**  
756E40

**Tritanomaly**  
5C7464

# Monochromacy



**Original Color**  
56783D

**Achromatopsia**  
676767

**Achromatomaly**  
616D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56783D 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 #56783D looks like.

```
.text, #text, p{  
    color:#56783D  
}
```

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 #56783D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56783D
}
```

## Border

The CSS property to change the border of an element to Hex 56783D 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".

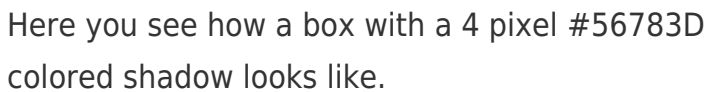
```
.border, #border, table{ border:4px solid
#56783D }
```

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

```
.border{ border-color:#56783D }
```

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

Here you see how a box with a 4 pixel #56783D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56783D; -webkit-box-shadow:4px 4px  
4px 4px #56783D; box-shadow:4px 4px 4px  
4px #56783D }
```

# Background

The CSS property to change the background color of an element to Hex 56783D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56783D }
```

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

```
.background{ background-color:#56783D }
```

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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