

# Converting Colors

Hex(65763B)

Have a look what the booklet for  
Hex(65763B) contains.

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**Color**

**Hex(65763B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65763B
RGB	101, 118, 59
RGB Percent	40%, 46%, 23%
CMY	0.6039, 0.5373, 0.7686
CMYK	0.14, 0.00, 0.50, 0.54
HSL	77°, 33%, 35%
HSV	77°, 50%, 46%
XYZ	12.6347, 16.0393, 6.5677
YIQ	106.1910, 8.8070, -21.9530

# Conversions

## Conversions Part 2

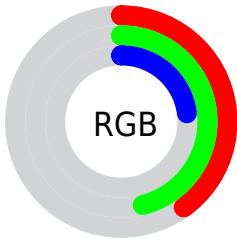
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 118, 76
Decimal	6649403
CIELab	47.03, -16.48, 30.23
CIELCh	47, 34.433, 118.604
Yxy	16.0393, 0.3585, 0.4551
Android (android.graphics.Color)	4284839483 (0xFF65763B)
YUV	106.1910, -23.2652, -4.5525
Hunter-Lab	40.0491, -13.7729, 18.3114

# Details

The Hex color **65763B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C3B76**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **99AA6C**, and **34460D** is the 20% darker color. If you saturate the color by 10%, you get **62762F**, and if you desaturate by 10%, it is **687647**.

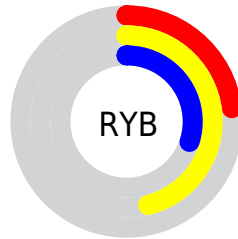
# Distribution



Red (40%)

Green (46%)

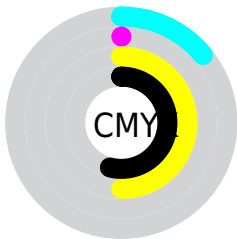
Blue (23%)



Red (23%)

Yellow (46%)

Blue (30%)

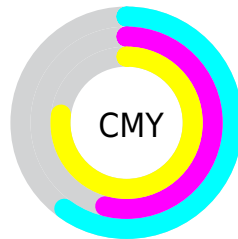


Cyan (14%)

Magenta (0%)

Yellow (50%)

Black (54%)



Cyan (60%)

Magenta (54%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65763B 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 65763B by changing the saturation by 10% instead.





65763B



65763B

FFFFFF



4C5D24



99AA6C



34460D



B4C585



1F2F00



D0E1A0



001C00



EDFEBB



000000



FFFFD7



FFFFF4



65763B



65763B



62762F



687647

■ 5E7623

■ 6C7653

■ 5B7618

■ 6F765E

■ 57760C

■ 73766A

■ 547600

■ 767676

■ 797682

■ 7D768E

■ 807699

■ 8476A5

# Harmonies

## Analogous

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



826D34



65763B



417C50

# Triad

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



65763B



007AA0



A45872

# Complementary

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



65763B



4C3B76

# 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.



925E8E



65763B



3B73A9

# Square

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



65763B



007E8A



7068A2



A55A55

# Rectangle

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



65763B



1F7E63



7068A2



A0597C



# Sweetspot

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



65763B



929982



764C3B



494D3F



CCCCCC



4D4D4D



# Same Dimension

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



65763B



7F993D



48763B



393B35



577A00



B2FA00



# Inverse Universe

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



4C3B76



583D99



693B76



36353B



23007A



4800FA



# Previews

## White Background



This preview shows how the Hex color 65763B looks on a white background.

## Color Contrast Check

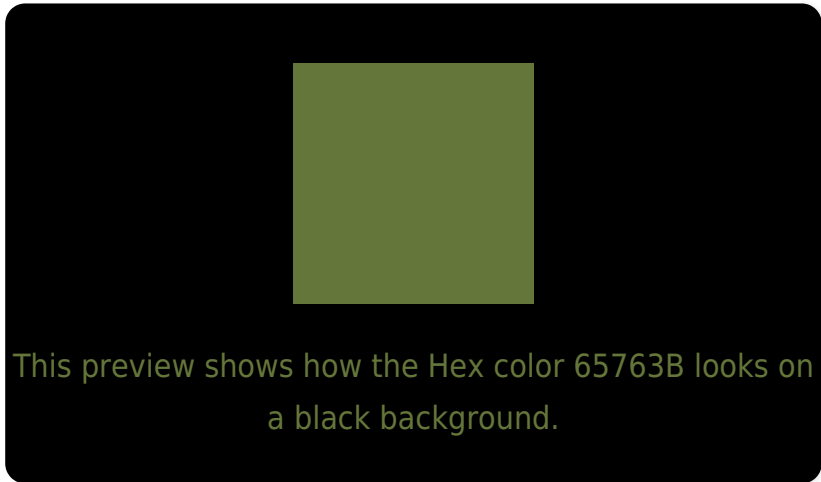
Large Text (above 18pt) WCAG AA ✓ Pass

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

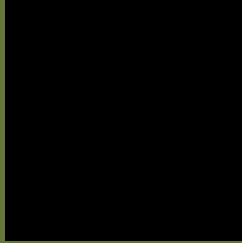
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65763B Background



This preview shows how black text looks on a background with the Hex color 65763B.



This preview shows how white text looks on a background with the Hex color 65763B.

# 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**  
65763B

**Protanopia**  
7B6F39

**Deuteranopia**  
886A3E



**Tritanopia**  
6D6F78

# Trichromacy



**Original Color**  
65763B

**Protanomaly**  
73723A

**Deuteranomaly**  
7B6E3D

**Tritanomaly**  
6A7262

# Monochromacy



**Original Color**  
65763B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
686E59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65763B 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 #65763B looks like.

```
.text, #text, p{  
    color:#65763B  
}
```

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 #65763B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65763B
}
```

## Border

The CSS property to change the border of an element to Hex 65763B 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
#65763B }
```

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

```
.border{ border-color:#65763B }
```

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

Here you see how a box with a 4 pixel #65763B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65763B; -webkit-box-shadow:4px 4px  
4px 4px #65763B; box-shadow:4px 4px 4px  
4px #65763B }
```

# Background

The CSS property to change the background color of an element to Hex 65763B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65763B }
```

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

```
.background{ background-color:#65763B }
```

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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