

# Converting Colors

Hex(667D40)

Have a look what the booklet for  
Hex(667D40) contains.

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# Color

**Hex(667D40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	667D40
RGB	102, 125, 64
RGB Percent	40%, 49%, 25%
CMY	0.6000, 0.5098, 0.7490
CMYK	0.18, 0.00, 0.49, 0.51
HSL	83°, 32%, 37%
HSV	83°, 49%, 49%
XYZ	13.7385, 17.8622, 7.5741
YIQ	111.1690, 5.8730, -23.8470

# Conversions

## Conversions Part 2

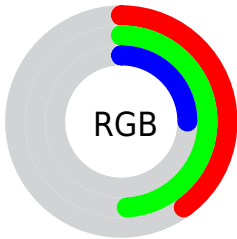
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 125, 87
Decimal	6716736
CIELab	49.33, -19.18, 30.38
CIELCh	49, 35.932, 122.270
Yxy	17.8622, 0.3507, 0.4560
Android (android.graphics.Color)	4284906816 (0xFF667D40)
YUV	111.1690, -23.2543, -8.0412
Hunter-Lab	42.2637, -15.9370, 18.9591

# Details

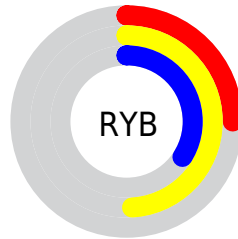
The Hex color **667D40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57407D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9AB271**, and **354C12** is the 20% darker color. If you saturate the color by 10%, you get **617D34**, and if you desaturate by 10%, it is **6B7D4D**.

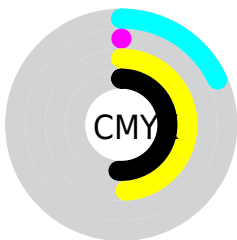
# Distribution



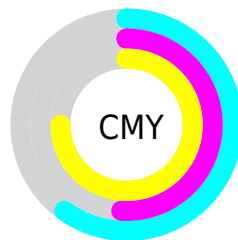
- Red (40%)
- Green (49%)
- Blue (25%)



- Red (25%)
- Yellow (49%)
- Blue (34%)



- Cyan (18%)
- Magenta (0%)
- Yellow (49%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667D40 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 667D40 by changing the saturation by 10% instead.





667D40



667D40

FFFFFF



4D6429



9AB271



354C12



B5CD8B



1F3500



D1E9A6



022000



EEFFC1



000000



FFFFDD



FFFFFFA



667D40



667D40



617D34



6B7D4D

■ 5D7D27

■ 6F7D59

■ 587D1B

■ 747D66

■ 537D0E

■ 797D72

■ 4E7D02

■ 7E7D7E

■ 4E7D00

■ 827D8B

■ 877D98

■ 8C7DA4

■ 907DB1

# Harmonies

## Analogous

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



867437



667D40



3F8358

# Triad

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



667D40



0080AB



AE5C74

# Complementary

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



667D40



57407D

# 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.



9D6192



667D40



4678B2

# Square

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



667D40



008495



7B6CA9



AD6056

# Rectangle

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



667D40



14846C



7B6CA9



AA5D7E



# Sweetspot

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



667D40



9AA38B



7D5640



4C5243



D1D1D1



525252



# Same Dimension

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



667D40



7FA343



487D40



3D4039



4F8000



000000



# Inverse Universe

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



57407D



6743A3



75407D



3C3940



300080



000000



# Previews

## White Background



This preview shows how the Hex color 667D40 looks on a white background.

## Color Contrast Check

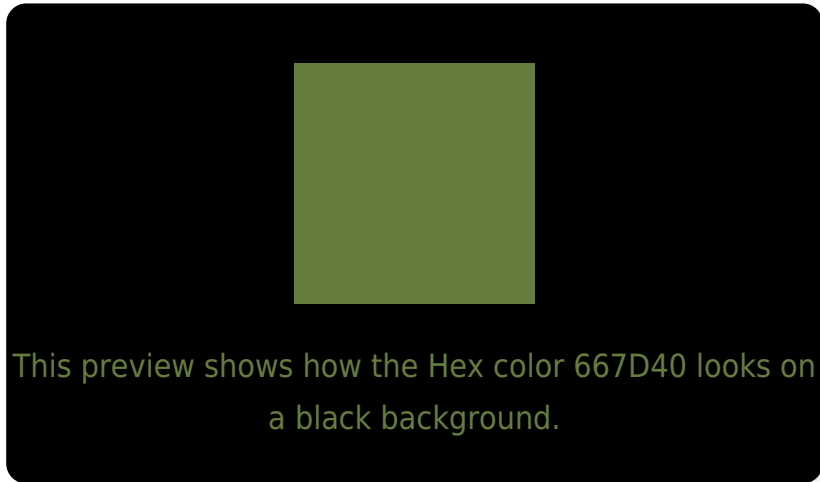
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

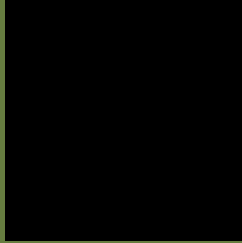
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 667D40 Background



This preview shows how black text looks on a background with the Hex color 667D40.



This preview shows how white text looks on a background with the Hex color 667D40.

# 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](#).

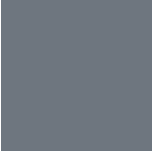
## Dichromacy



**Original Color**  
667D40

**Protanopia**  
81753D

**Deuteranopia**  
8E7043

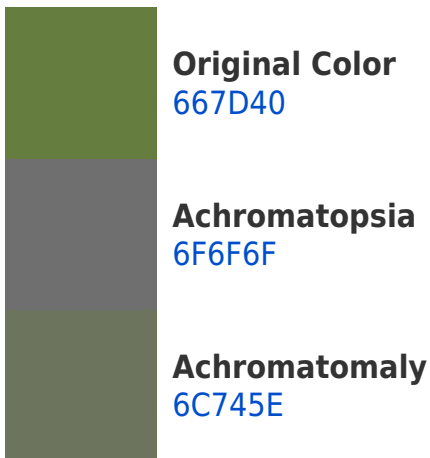


**Tritanopia**  
6E767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667D40 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 #667D40 looks like.

```
.text, #text, p{  
    color:#667D40  
}
```

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 #667D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667D40
}
```

## Border

The CSS property to change the border of an element to Hex 667D40 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
#667D40 }
```

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

```
.border{ border-color:#667D40 }
```

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

Here you see how a box with a 4 pixel #667D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667D40; -webkit-box-shadow:4px 4px  
4px 4px #667D40; box-shadow:4px 4px 4px  
4px #667D40 }
```

# Background

The CSS property to change the background color of an element to Hex 667D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667D40 }
```

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

```
.background{ background-color:#667D40 }
```

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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