

# Converting Colors

Hex(667D49)

Have a look what the booklet for  
Hex(667D49) contains.

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# Color

Hex(667D49)

# Conversions

## Conversions Part 1

Format	Color
Hex	667D49
RGB	102, 125, 73
RGB Percent	40%, 49%, 29%
CMY	0.6000, 0.5098, 0.7137
CMYK	0.18, 0.00, 0.42, 0.51
HSL	87°, 26%, 39%
HSV	87°, 42%, 49%
XYZ	14.0157, 17.9731, 9.0338
YIQ	112.1950, 2.9840, -21.0480

# Conversions

## Conversions Part 2

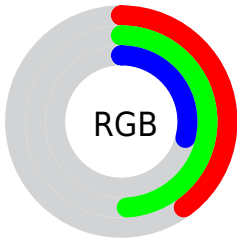
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 125, 96
Decimal	6716745
CIELab	49.46, -18.01, 25.64
CIELCh	49, 31.333, 125.091
Yxy	17.9731, 0.3417, 0.4381
Android (android.graphics.Color)	4284906825 (0xFF667D49)
YUV	112.1950, -19.3231, -8.9410
Hunter-Lab	42.3946, -15.1784, 17.0423

# Details

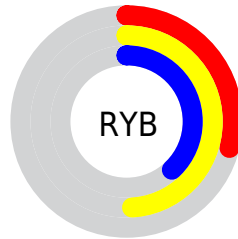
The Hex color **667D49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60497D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9AB27A**, and **364C1B** is the 20% darker color. If you saturate the color by 10%, you get **607D3D**, and if you desaturate by 10%, it is **6C7D56**.

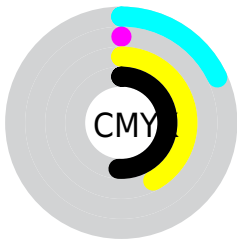
# Distribution



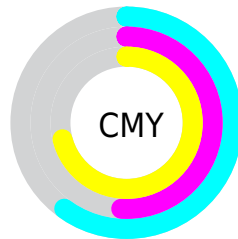
- Red (40%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667D49 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 667D49 by changing the saturation by 10% instead.



 667D49

 667D49

FFFFFF

 4D6432

 9AB27A

 364C1B

 B5CD94

 1F3503

 D1E9AF

 062000

 EDFFCB

 000000

 FFFF E7


 667D49

 667D49

 607D3D

 6C7D56

 5B7D30

 717D62

■ 557D24

■ 777D6E

■ 507D17

■ 7C7D7B

■ 4A7D0B

■ 827D88

■ 467D00

■ 877D94

■ 8D7DA1

■ 927DAD

■ 987DBA

# Harmonies

## Analogous

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



827640



667D49



45825E

# Triad

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



667D49



1C7EA5



A86072

# Complementary

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



667D49



60497D

# 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.



9B648C



667D49



5577AA

# Square

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



667D49



008393



7E6DA1



A76458

# Rectangle

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



667D49



298370



7E6DA1



A5617B



# Sweetspot

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



667D49



9BA390



7D6049



4D5246



D1D1D1



525252



# Same Dimension

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



667D49



7FA352



4C7D49



3D4039



478000



000000



# Inverse Universe

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



60497D



7652A3



7A497D



3C3940



380080



000000



# Previews

## White Background



This preview shows how the Hex color 667D49 looks on a white background.

## Color Contrast Check

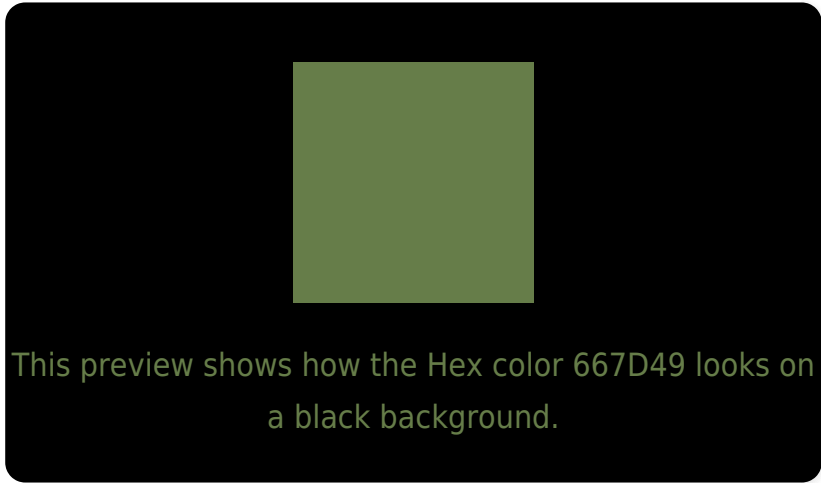
Large Text (above 18pt) WCAG AA ✓ Pass

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

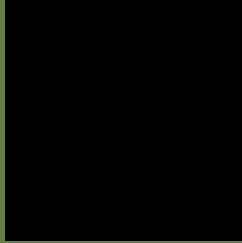
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 667D49 Background



This preview shows how black text looks on a background with the Hex color 667D49.



This preview shows how white text looks on a background with the Hex color 667D49.

# 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**  
667D49

**Protanopia**  
807546

**Deuteranopia**  
8D704C



**Tritanopia**  
6E7780

# Trichromacy



**Original Color**  
667D49

**Protanomaly**  
777847

**Deuteranomaly**  
7F754B

**Tritanomaly**  
6B796C

# Monochromacy



**Original Color**  
667D49

**Achromatopsia**  
707070

**Achromatomaly**  
6C7562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667D49 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 #667D49 looks like.

```
.text, #text, p{  
    color:#667D49  
}
```

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 #667D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667D49
}
```

## Border

The CSS property to change the border of an element to Hex 667D49 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
#667D49 }
```

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

```
.border{ border-color:#667D49 }
```

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

Here you see how a box with a 4 pixel #667D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667D49; -webkit-box-shadow:4px 4px  
4px 4px #667D49; box-shadow:4px 4px 4px  
4px #667D49 }
```

# Background

The CSS property to change the background color of an element to Hex 667D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667D49 }
```

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

```
.background{ background-color:#667D49 }
```

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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