

# Converting Colors

Hex(657D4B)

Have a look what the booklet for  
Hex(657D4B) contains.

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# Color

Hex(657D4B)

# Conversions

## Conversions Part 1

Format	Color
Hex	657D4B
RGB	101, 125, 75
RGB Percent	40%, 49%, 29%
CMY	0.6039, 0.5098, 0.7059
CMYK	0.19, 0.00, 0.40, 0.51
HSL	89°, 25%, 39%
HSV	89°, 40%, 49%
XYZ	13.9704, 17.9419, 9.3834
YIQ	112.1240, 1.7460, -20.6380

# Conversions

## Conversions Part 2

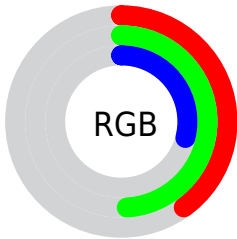
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 125, 99
Decimal	6651211
CIELab	49.43, -18.13, 24.46
CIELCh	49, 30.450, 126.551
Yxy	17.9419, 0.3383, 0.4345
Android (android.graphics.Color)	4284841291 (0xFF657D4B)
YUV	112.1240, -18.3021, -9.7557
Hunter-Lab	42.3579, -15.2537, 16.5162

# Details

The Hex color **657D4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **634B7D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **99B27C**, and **354C1D** is the 20% darker color. If you saturate the color by 10%, you get **5F7D3F**, and if you desaturate by 10%, it is **6B7D57**.

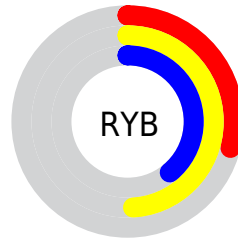
# Distribution



Red (40%)

Green (49%)

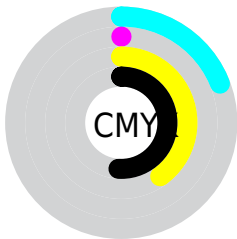
Blue (29%)



Red (29%)

Yellow (49%)

Blue (39%)

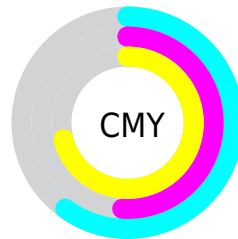


Cyan (19%)

Magenta (0%)

Yellow (40%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 657D4B 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 657D4B by changing the saturation by 10% instead.



 657D4B

 657D4B

FFFFFF

 4C6434

 99B27C

 354C1D

 B4CD97

 1E3506

 D0E9B1

 052000

 ECFFCD

 000000

 FFFF E9


 657D4B

 657D4B

 5F7D3F

 6B7D57

 597D32

 717D64

■ 537D26

■ 777D71

■ 4D7D19

■ 7D7D7D

■ 477D0C

■ 837D8A

■ 417D00

■ 897D96

■ 8F7DA3

■ 957DAF

■ 9B7DBB

# Harmonies

## Analogous

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



817641



657D4B



458260

# Triad

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



657D4B



267EA4



A76171

# Complementary

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



657D4B



634B7D

# 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.



9B648B



657D4B



5976A9

# Square

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



657D4B



008293



806D9F



A56558

# Rectangle

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



657D4B



2B8372



806D9F



A4617A



# Sweetspot

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



657D4B



9AA390



7D624B



4C5246



D1D1D1



525252



# Same Dimension

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



657D4B



7EA355



4D7D4B



3D4039



428000



000000



# Inverse Universe

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



634B7D



7A55A3



7B4B7D



3C3940



3D0080



000000



# Previews

## White Background



This preview shows how the Hex color 657D4B 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

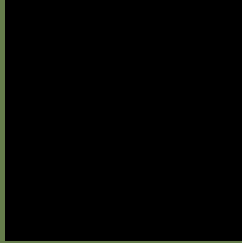
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 657D4B Background



This preview shows how black text looks on a background with the Hex color 657D4B.



This preview shows how white text looks on a background with the Hex color 657D4B.

# 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**  
657D4B

**Protanopia**  
807548

**Deuteranopia**  
8D704E

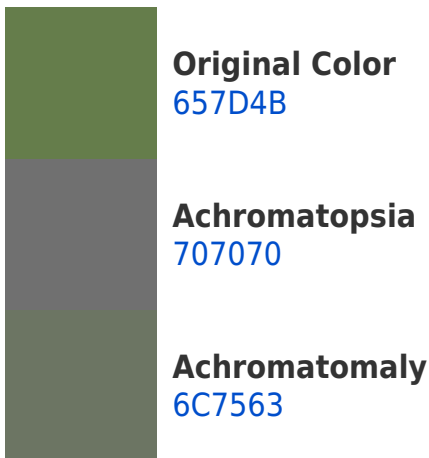


**Tritanopia**  
6D7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 657D4B 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 #657D4B looks like.

```
.text, #text, p{  
    color:#657D4B  
}
```

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 #657D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657D4B
}
```

## Border

The CSS property to change the border of an element to Hex 657D4B 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
#657D4B }
```

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

```
.border{ border-color:#657D4B }
```

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

Here you see how a box with a 4 pixel #657D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657D4B; -webkit-box-shadow:4px 4px  
4px 4px #657D4B; box-shadow:4px 4px 4px  
4px #657D4B }
```

# Background

The CSS property to change the background color of an element to Hex 657D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657D4B }
```

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

```
.background{ background-color:#657D4B }
```

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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