

# Converting Colors

Hex(675D61)

Have a look what the booklet for  
Hex(675D61) contains.

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# Color

**Hex(675D61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675D61
RGB	103, 93, 97
RGB Percent	40%, 36%, 38%
CMY	0.5961, 0.6353, 0.6196
CMYK	0.00, 0.10, 0.06, 0.60
HSL	336°, 5%, 38%
HSV	336°, 10%, 40%
XYZ	11.6655, 11.5753, 12.9287
YIQ	96.4460, 4.6760, 3.3640

# Conversions

## Conversions Part 2

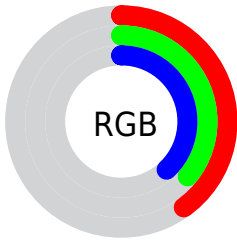
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 93, 97
Decimal	6774113
CIE <sub>Lab</sub>	40.53, 4.80, -0.83
CIE <sub>LCh</sub>	41, 4.875, 350.185
Yxy	11.5753, 0.3225, 0.3200
Android (android.graphics.Color)	4284964193 (0xFF675D61)
<b>YUV</b>	96.4460, 0.2731, 5.7479
Hunter-Lab	34.0225, 1.6640, 1.2854

# Details

The Hex color **675D61** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D6763**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9A8F94**, and **382F33** is the 20% darker color. If you saturate the color by 10%, you get **67535B**, and if you desaturate by 10%, it is **676767**.

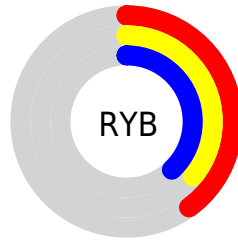
# Distribution



 Red (40%)

 Green (36%)

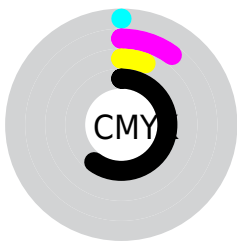
 Blue (38%)



 Red (40%)

 Yellow (36%)

 Blue (38%)

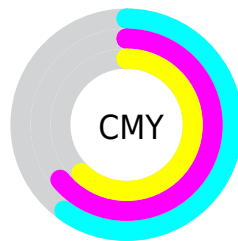



 Cyan (0%)

 Magenta (10%)

 Yellow (6%)

 Black (60%)



 Cyan (60%)

 Magenta (64%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675D61 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 675D61 by changing the saturation by 10% instead.



675D61

675D61

FFFFFF

4F4549

9A8F94

382F33

B5AAAE

231A1E

D0C5C9

0D0004

EDE1E6

000000

FFFEFF

675D61

675D61

67535B

676767

674855

67726D

■ 673E4E

■ 677C74

■ 673448

■ 67867A

■ 672942

■ 679180

■ 671F3C

■ 679B86

■ 671536

■ 67A58C

■ 670B30

■ 67AF92

■ 670029

■ 67BA99

# Harmonies

## Analogous

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



645E65



675D61



685D5D

# Triad

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



675D61



606058



576165

# Complementary

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



675D61



5D6763

# 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.



566262



675D61



5B615A

# Square

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



675D61



645F58



58625E



5A6067

# Rectangle

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



675D61



685D5B



58625E



566264



# Sweetspot

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



675D61



878385



635D67



454243



C4C4C4



454545



# Same Dimension

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



675D61



87777D



675E5D



332E30



73002E



F20061



# Inverse Universe

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



675D61



87777D



5D6667



332E30



73002E



F20061



# Previews

## White Background



This preview shows how the Hex color 675D61 looks on a white background.

## Color Contrast Check

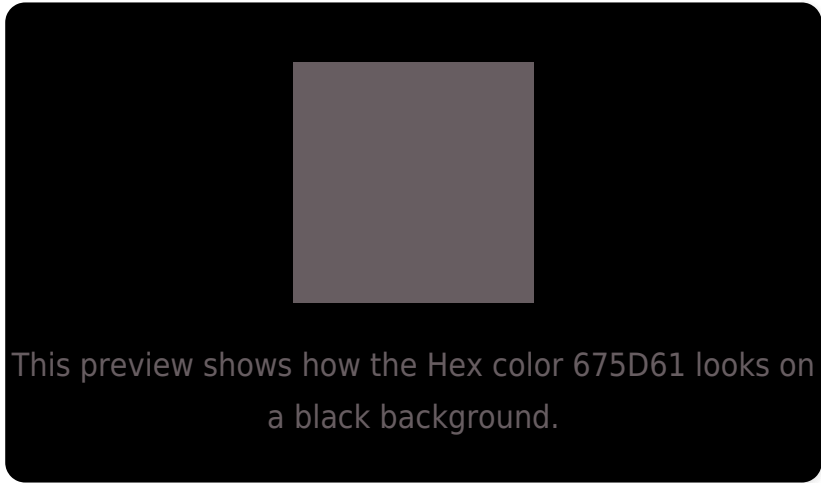
Large Text (above 18pt) WCAG AA ✓ Pass

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

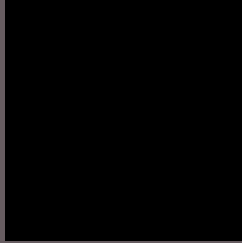
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675D61 Background



This preview shows how black text looks on a background with the Hex color 675D61.



This preview shows how white text looks on a background with the Hex color 675D61.

# 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**

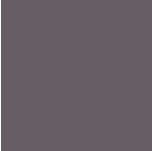
675D61

**Protanopia**

605F62

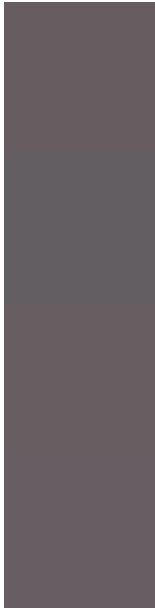
**Deuteranopia**

685D61



**Tritanopia**  
675D64

# Trichromacy



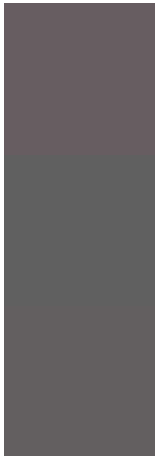
**Original Color**  
675D61

**Protanomaly**  
635E62

**Deuteranomaly**  
685D61

**Tritanomaly**  
675D63

# Monochromacy



**Original Color**  
675D61

**Achromatopsia**  
606060

**Achromatomaly**  
635F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675D61 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 #675D61 looks like.

```
.text, #text, p{  
    color:#675D61  
}
```

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 #675D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675D61
}
```

## Border

The CSS property to change the border of an element to Hex 675D61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

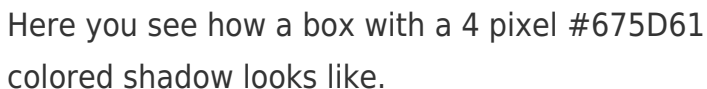
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675D61 }
```

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

```
.border{ border-color:#675D61 }
```

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



Here you see how a box with a 4 pixel #675D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675D61; -webkit-box-shadow:4px 4px  
4px 4px #675D61; box-shadow:4px 4px 4px  
4px #675D61 }
```

# Background

The CSS property to change the background color of an element to Hex 675D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675D61 }
```

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

```
.background{ background-color:#675D61 }
```

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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