

# Converting Colors

Hex(666649)

Have a look what the booklet for  
Hex(666649) contains.

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# Color

**Hex(666649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666649
RGB	102, 102, 73
RGB Percent	40%, 40%, 29%
CMY	0.6000, 0.6000, 0.7137
CMYK	0.00, 0.00, 0.28, 0.60
HSL	60°, 17%, 34%
HSV	60°, 28%, 40%
XYZ	11.4335, 12.8086, 8.1730
YIQ	98.6940, 9.3090, -9.0190

# Conversions

## Conversions Part 2

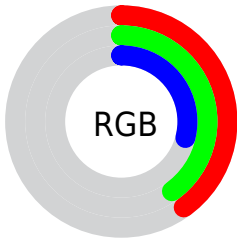
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 102, 73
Decimal	6710857
CIE <sub>Lab</sub>	42.47, -5.22, 16.45
CIE <sub>LCh</sub>	42, 17.258, 107.602
Yxy	12.8086, 0.3527, 0.3951
Android (android.graphics.Color)	4284900937 (0xFF666649)
YUV	98.6940, -12.6671, 2.8994
Hunter-Lab	35.7891, -5.6058, 11.5125

# Details

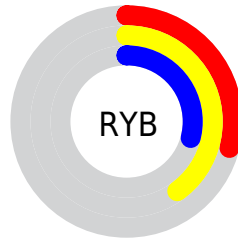
The Hex color **666649** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **494966**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **99997A**, and **37371D** is the 20% darker color. If you saturate the color by 10%, you get **66663F**, and if you desaturate by 10%, it is **666653**.

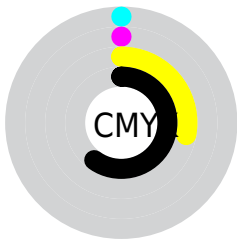
# Distribution



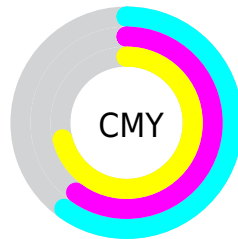
- Red (40%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 666649 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 666649 by changing the saturation by 10% instead.





666649



666649

FFFFFF



4E4E32



99997A



37371D



B4B494



212205



D0CFAE



000D00



ECEBCA



000000



FFFFE6



666649



666649



66663F



666653



666635



66665D

66662A

666668

666620

666672

666616

66667C

66660C

666686

666602

666690

666600

66669B

6666A5

# Harmonies

## Analogous

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



746149



666649



566A51

# Triad

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



666649



3D6B79



7D5B6B

# Complementary

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



666649



494966

# 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.



715E78



666649



4B6780

# Square

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



666649



3B6C6C



5F637F



815A5C

# Rectangle

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



666649



4B6B59



5F637F



7A5B6F



# Sweetspot

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



666649



858579



664949



42423B



C2C2C2



424242



# Same Dimension

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



666649



858558



586649



33332E



737300



F2F200



# Inverse Universe

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



494966



585885



584966



2E2E33



000073



0000F2



# Previews

## White Background



This preview shows how the Hex color 666649 looks on a white background.

## Color Contrast Check

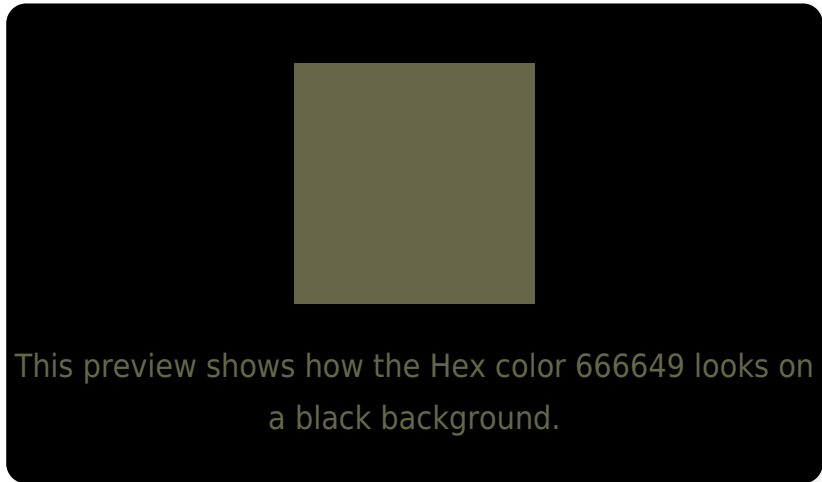
Large Text (above 18pt) WCAG AA ✓ Pass

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

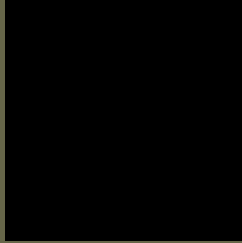
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 666649 Background



This preview shows how black text looks on a background with the Hex color 666649.



This preview shows how white text looks on a background with the Hex color 666649.

# 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**

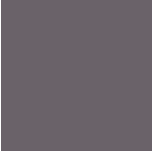
666649

**Protanopia**

6C6448

**Deuteranopia**

76604A



**Tritanopia**  
6A6269

# Trichromacy



**Original Color**  
666649

**Protanomaly**  
6A6548

**Deuteranomaly**  
70624A

**Tritanomaly**  
69635D

# Monochromacy



**Original Color**  
666649

**Achromatopsia**  
636363

**Achromatomaly**  
64645A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666649 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 #666649 looks like.

```
.text, #text, p{  
    color:#666649  
}
```

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 #666649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666649
}
```

## Border

The CSS property to change the border of an element to Hex 666649 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
#666649 }
```

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

```
.border{ border-color:#666649 }
```

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

Here you see how a box with a 4 pixel #666649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666649; -webkit-box-shadow:4px 4px  
4px 4px #666649; box-shadow:4px 4px 4px  
4px #666649 }
```

# Background

The CSS property to change the background color of an element to Hex 666649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666649 }
```

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

```
.background{ background-color:#666649 }
```

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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