

Converting Colors

Hex(666742)

Have a look what the booklet for
Hex(666742) contains.

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Color

Hex(666742)

Conversions

Conversions Part 1

Format	Color
Hex	666742
RGB	102, 103, 66
RGB Percent	40%, 40%, 26%
CMY	0.6000, 0.5961, 0.7412
CMYK	0.01, 0.00, 0.36, 0.60
HSL	62°, 22%, 33%
HSV	62°, 36%, 40%
XYZ	11.3131, 12.9186, 7.0515
YIQ	98.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

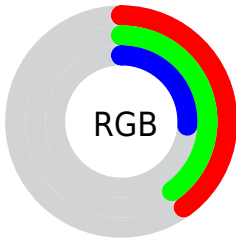
Format	Color
RYB	66, 103, 67
Decimal	6711106
CIELab	42.64, -6.81, 20.79
CIELCh	43, 21.874, 108.133
Yxy	12.9186, 0.3616, 0.4130
Android (android.graphics.Color)	4284901186 (0xFF666742)
YUV	98.4830, -16.0141, 3.0844
Hunter-Lab	35.9425, -6.7154, 13.5277

Details

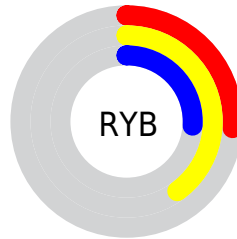
The Hex color **666742** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **434267**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9A9A72**, and **363816** is the 20% darker color. If you saturate the color by 10%, you get **666738**, and if you desaturate by 10%, it is **66674C**.

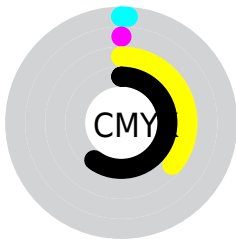
Distribution



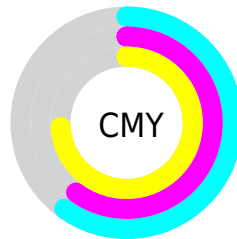
- Red (40%)
- Green (40%)
- Blue (26%)



- Red (26%)
- Yellow (40%)
- Blue (26%)



- Cyan (1%)
- Magenta (0%)
- Yellow (36%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666742 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 666742 by changing the saturation by 10% instead.



666742



666742

FFFFFF



4E4F2B



9A9A72



363816



B5B58C



222300



D0D0A7



000E00



EDED C2



000000



FFFFDE



FFFFFA



666742



666742



666738



66674C

■ 65672D

■ 676757

■ 656723

■ 676761

■ 656719

■ 67676B

■ 65670E

■ 676776

■ 646704

■ 686780

■ 646700

■ 68678A

■ 686794

■ 69679F

Harmonies

Analogous

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



786142



666742



516C4C

Triad

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



666742



2B6D7F



84586D

Complementary

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



666742



434267

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.



745C7D



666742



426988

Square

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



666742



2B6F6F



5D6387



89575A

Rectangle

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



666742



436D57



5D6387



805973

Sweetspot

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



666742



878778



674342



45453C



C4C4C4



454545

Same Dimension

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



666742



86874D



546742



33332E



707300



ECF200

Inverse Universe

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



434267



4F4D87



554267



2E2E33



030073



0700F2

Previews

White Background



This preview shows how the Hex color 666742 looks on a white background.

Color Contrast Check

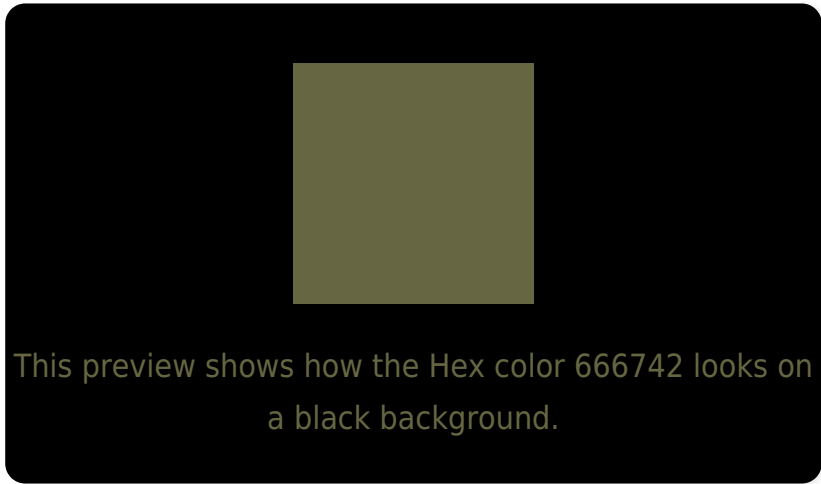
Large Text (above 18pt) WCAG AA ✓ Pass

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

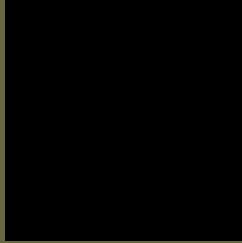
Any Text WCAG AA × Fail

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 666742 Background



This preview shows how black text looks on a background with the Hex color 666742.



This preview shows how white text looks on a background with the Hex color 666742.

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

666742

Protanopia

6D6541

Deuteranopia

796043



Tritanopia
6B626A

Trichromacy



Original Color
666742

Protanomaly
6A6641

Deuteranomaly
726343

Tritanomaly
69645B

Monochromacy



Original Color
666742

Achromatopsia
626262

Achromatomaly
636456

CSS Examples

Text

The CSS property to change the color of the text to Hex 666742 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 #666742 looks like.

```
.text, #text, p{  
    color:#666742  
}
```

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 #666742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666742
}
```

Border

The CSS property to change the border of an element to Hex 666742 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
#666742 }
```

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

```
.border{ border-color:#666742 }
```

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

Here you see how a box with a 4 pixel #666742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666742; -webkit-box-shadow:4px 4px  
4px 4px #666742; box-shadow:4px 4px 4px  
4px #666742 }
```

Background

The CSS property to change the background color of an element to Hex 666742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666742 }
```

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

```
.background{ background-color:#666742 }
```

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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