

Converting Colors

Hex(666647)

Have a look what the booklet for
Hex(666647) contains.

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Color

Hex(666647)

Conversions

Conversions Part 1

Format	Color
Hex	666647
RGB	102, 102, 71
RGB Percent	40%, 40%, 28%
CMY	0.6000, 0.6000, 0.7216
CMYK	0.00, 0.00, 0.30, 0.60
HSL	60°, 18%, 34%
HSV	60°, 30%, 40%
XYZ	11.3682, 12.7825, 7.8293
YIQ	98.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

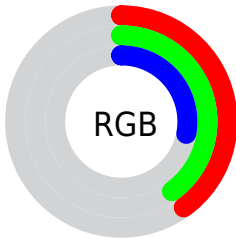
Format	Color
RYB	71, 102, 71
Decimal	6710855
CIELab	42.43, -5.52, 17.58
CIELCh	42, 18.426, 107.426
Yxy	12.7825, 0.3555, 0.3997
Android (android.graphics.Color)	4284900935 (0xFF666647)
YUV	98.4660, -13.5407, 3.0993
Hunter-Lab	35.7526, -5.8096, 12.0431

Details

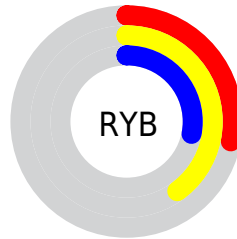
The Hex color **666647** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474766**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **999978**, and **36371B** is the 20% darker color. If you saturate the color by 10%, you get **66663D**, and if you desaturate by 10%, it is **666651**.

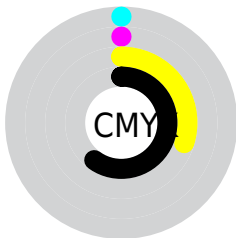
Distribution



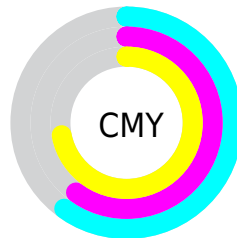
- Red (40%)
- Green (40%)
- Blue (28%)



- Red (28%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666647 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 666647 by changing the saturation by 10% instead.



666647



666647

FFFFFF



4E4E30



999978



36371B



B4B491



212202



D0CFAC



000D00



ECEBC7



000000



FFFFE4



666647



666647



66663D



666651



666633



66665B

666628

666666

66661E

666670

666614

66667A

66660A

666684

666600

66668E

666699

6666A3

Harmonies

Analogous

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



756147



666647



556A4F

Triad

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



666647



386B7A



7E5A6B

Complementary

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



666647



474766

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.



715D79



666647



486881

Square

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



666647



386D6D



5E6381



83595C

Rectangle

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



666647



496C58



5E6381



7B5B70

Sweetspot

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



666647



858579



664747



42423B



C2C2C2



424242

Same Dimension

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



666647



858555



576647



33332E



737300



F2F200

Inverse Universe

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



474766



555585



574766



2E2E33



000073



0000F2

Previews

White Background



This preview shows how the Hex color 666647 looks on a white background.

Color Contrast Check

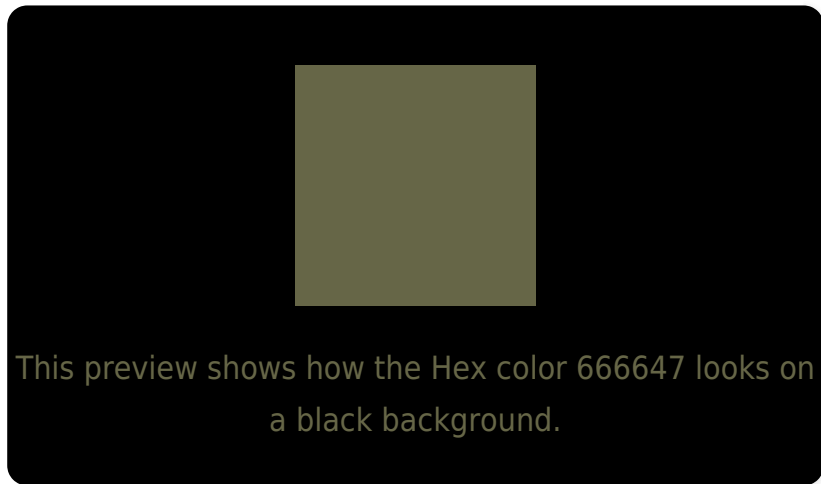
Large Text (above 18pt) WCAG AA ✓ Pass

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

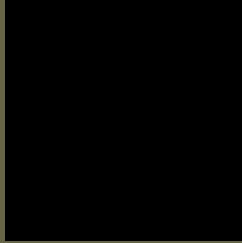
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

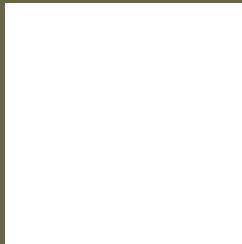
Any Text WCAG AAA × Fail

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

Hex 666647 Background



This preview shows how black text looks on a background with the Hex color 666647.



This preview shows how white text looks on a background with the Hex color 666647.

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

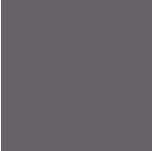
666647

Protanopia

6C6446

Deuteranopia

776048



Tritanopia
6A6269

Trichromacy



Original Color
666647

Protanomaly
6A6546

Deuteranomaly
716248

Tritanomaly
69635D

Monochromacy



Original Color
666647

Achromatopsia
626262

Achromatomaly
636358

CSS Examples

Text

The CSS property to change the color of the text to Hex 666647 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 #666647 looks like.

```
.text, #text, p{  
    color:#666647  
}
```

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 #666647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666647
}
```

Border

The CSS property to change the border of an element to Hex 666647 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
#666647 }
```

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

```
.border{ border-color:#666647 }
```

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

Here you see how a box with a 4 pixel #666647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666647; -webkit-box-shadow:4px 4px  
4px 4px #666647; box-shadow:4px 4px 4px  
4px #666647 }
```

Background

The CSS property to change the background color of an element to Hex 666647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666647 }
```

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

```
.background{ background-color:#666647 }
```

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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