

Converting Colors

Hex(676648)

Have a look what the booklet for
Hex(676648) contains.

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Color

Hex(676648)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 676648 |
| RGB | 103, 102, 72 |
| RGB Percent | 40%, 40%, 28% |
| CMY | 0.5961, 0.6000, 0.7176 |
| CMYK | 0.00, 0.01, 0.30, 0.60 |
| HSL | 58°, 18%, 34% |
| HSV | 58°, 30%, 40% |
| XYZ | 11.5146, 12.8542, 8.0051 |
| YIQ | 98.8790, 10.2260, -9.1180 |

Conversions

Conversions Part 2

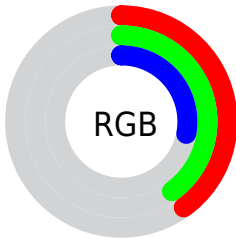
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 73, 103, 72 |
| Decimal | 6776392 |
| CIE Lab | 42.54, -4.94, 17.15 |
| CIE LCh | 43, 17.847, 106.054 |
| Yxy | 12.8542, 0.3557, 0.3971 |
| Android (android.graphics.Color) | 4284966472 (0xFF676648) |
| YUV | 98.8790, -13.2513, 3.6141 |
| Hunter-Lab | 35.8527, -5.4146, 11.8588 |

Details

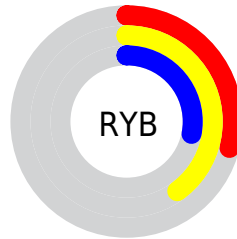
The Hex color **676648** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **484967**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9B9979**, and **37371C** is the 20% darker color. If you saturate the color by 10%, you get **67663E**, and if you desaturate by 10%, it is **676652**.

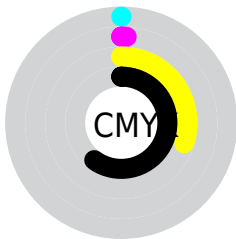
Distribution



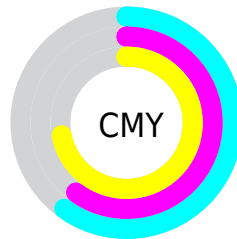
- Red (40%)
- Green (40%)
- Blue (28%)



- Red (29%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 676648 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 676648 by changing the saturation by 10% instead.



676648



676648

FFFFFF



4F4E31



9B9979



37371C



B5B493



222203



D1CFAD



010D00



EEEB C9



000000



FFFFE5



676648



676648



67663E



676652



676533



67675D

676529

676767

67651F

676771

676415

67687C

67640A

676886

676400

676890

67699A

6769A5

Harmonies

Analogous

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



756148



676648



566A50

Triad

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



676648



3A6B79



7D5A6C

Complementary

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



676648



484967

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.



705E79



676648



496881

Square

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



676648



3A6D6C



5D6381



825A5D

Rectangle

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



676648



4B6C58



5D6381



7A5B71

Sweetspot

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



676648



87877B



674849



45453D



C4C4C4



454545

Same Dimension

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



676648



878656



596748



33332E



736F00



F2EA00

Inverse Universe

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



484967



565887



564867



2E2E33



000473



0008F2

Previews

White Background



This preview shows how the Hex color 676648 looks on a white background.

Color Contrast Check

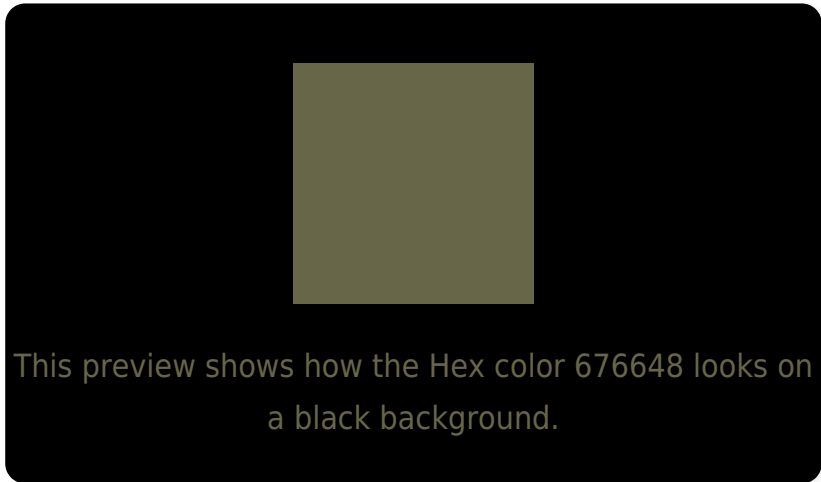
Large Text (above 18pt) WCAG AA ✓ Pass

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

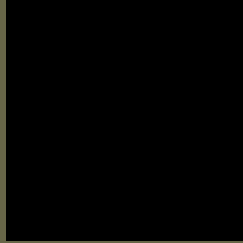
Any Text WCAG AA × Fail

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 676648 Background



This preview shows how black text looks on a background with the Hex color 676648.



This preview shows how white text looks on a background with the Hex color 676648.

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

676648

Protanopia

6C6447

Deuteranopia

776049



Tritanopia
6B6269

Trichromacy



Original Color
676648

Protanomaly
6A6547

Deuteranomaly
716249

Tritanomaly
6A635D

Monochromacy



Original Color
676648

Achromatopsia
636363

Achromatomaly
646459

CSS Examples

Text

The CSS property to change the color of the text to Hex 676648 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 #676648 looks like.

```
.text, #text, p{  
    color:#676648  
}
```

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 #676648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676648
}
```

Border

The CSS property to change the border of an element to Hex 676648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

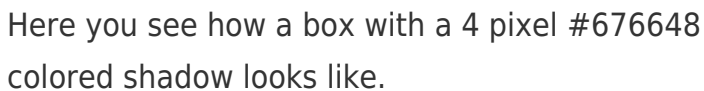
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676648 }
```

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

```
.border{ border-color:#676648 }
```

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



Here you see how a box with a 4 pixel #676648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676648; -webkit-box-shadow:4px 4px  
4px 4px #676648; box-shadow:4px 4px 4px  
4px #676648 }
```

Background

The CSS property to change the background color of an element to Hex 676648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676648 }
```

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

```
.background{ background-color:#676648 }
```

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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