

# Converting Colors

Hex(676040)

Have a look what the booklet for  
Hex(676040) contains.

<b>Hex(676040)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(676040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676040
RGB	103, 96, 64
RGB Percent	40%, 38%, 25%
CMY	0.5961, 0.6235, 0.7490
CMYK	0.00, 0.07, 0.38, 0.60
HSL	49°, 23%, 33%
HSV	49°, 38%, 40%
XYZ	10.7018, 11.6195, 6.5292
YIQ	94.4450, 14.4440, -8.4680

# Conversions

## Conversions Part 2

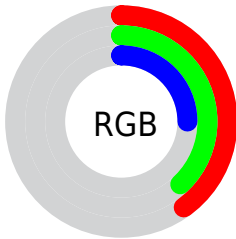
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 103, 64
Decimal	6774848
CIELab	40.60, -2.55, 19.31
CIELCh	41, 19.479, 97.511
Yxy	11.6195, 0.3709, 0.4027
Android (android.graphics.Color)	4284964928 (0xFF676040)
YUV	94.4450, -15.0094, 7.5027
Hunter-Lab	34.0873, -3.6124, 12.5045

# Details

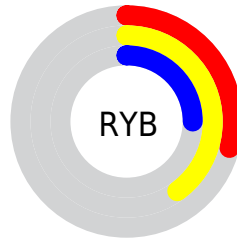
The Hex color **676040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **404767**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9B9270**, and **373215** is the 20% darker color. If you saturate the color by 10%, you get **675E36**, and if you desaturate by 10%, it is **67624A**.

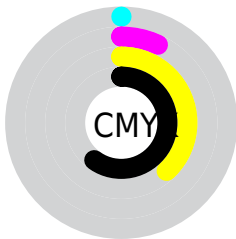
# Distribution



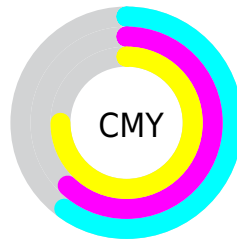
- Red (40%)
- Green (38%)
- Blue (25%)



- Red (29%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (7%)
- Yellow (38%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676040 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 676040 by changing the saturation by 10% instead.





676040



676040

FFFFFF



4E482A



9B9270



373215



B6AD8A



221D00



D2C8A4



000400



EEE4BF



000000



FFFFDB



FFFFF8



676040



676040



675E36



67624A

■ 675C2B

■ 676455

■ 675A21

■ 67665F

■ 675917

■ 676769

■ 67570D

■ 676974

■ 675502

■ 676B7E

■ 675500

■ 676D88

■ 676F92

■ 67719D

# Harmonies

## Analogous

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



755B43



676040



566546

# Triad

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



676040



2D6873



77566C

# Complementary

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



676040



404767

# 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.



675A79



676040



3A657D

# Square

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



676040



336963



51607F



7F545C

# Rectangle

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



676040



49674E



51607F



735771



# Sweetspot

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



676040



878478



674047



45433C



C4C4C4



454545



# Same Dimension

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



676040



877C4A



5B6740



33322E



735E00



F2C700



# Inverse Universe

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



404767



4A5587



4C4067



2E2F33



001573



002BF2



# Previews

## White Background



This preview shows how the Hex color 676040 looks on a white background.

## Color Contrast Check

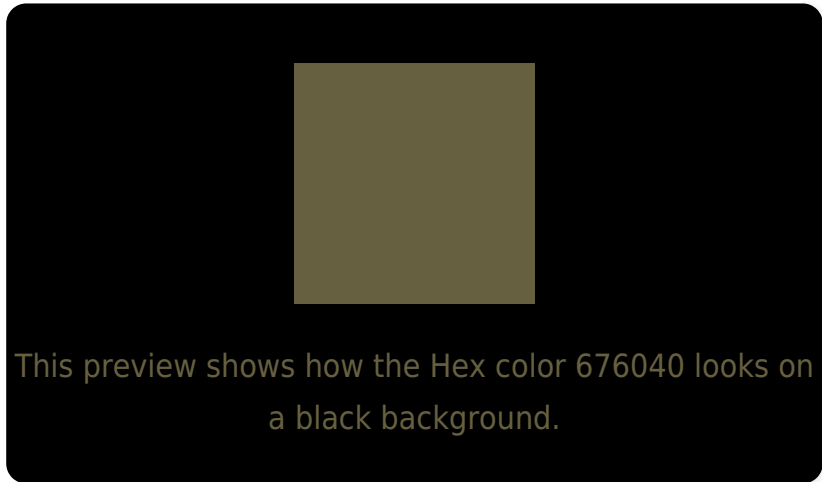
Large Text (above 18pt) WCAG AA ✓ Pass

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

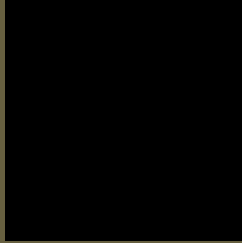
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676040 Background



This preview shows how black text looks on a background with the Hex color 676040.



This preview shows how white text looks on a background with the Hex color 676040.

# 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**


676040

**Protanopia**

686040

**Deuteranopia**

735C41



**Tritanopia**  
6B5C63

# Trichromacy



**Original Color**  
676040

**Protanomaly**  
686040

**Deuteranomaly**  
6F5D41

**Tritanomaly**  
6A5D56

# Monochromacy



**Original Color**  
676040

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
615F53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676040 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 #676040 looks like.

```
.text, #text, p{  
    color:#676040  
}
```

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 #676040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676040
}
```

## Border

The CSS property to change the border of an element to Hex 676040 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
#676040 }
```

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

```
.border{ border-color:#676040 }
```

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

Here you see how a box with a 4 pixel #676040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676040; -webkit-box-shadow:4px 4px  
4px 4px #676040; box-shadow:4px 4px 4px  
4px #676040 }
```

# Background

The CSS property to change the background color of an element to Hex 676040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676040 }
```

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

```
.background{ background-color:#676040 }
```

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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