

Converting Colors

Hex(676767)

Have a look what the booklet for
Hex(676767) contains.

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Color

Hex(676767)

Conversions

Conversions Part 1

Format	Color
Hex	676767
RGB	103, 103, 103
RGB Percent	40%, 40%, 40%
CMY	0.5961, 0.5961, 0.5961
CMYK	0.00, 0.00, 0.00, 0.60
HSL	0°, 0%, 40%
HSV	0°, 0%, 40%
XYZ	12.8919, 13.5633, 14.7705
YIQ	103.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	103, 103, 103
Decimal	6776679
CIE _{Lab}	43.60, 0.00, -0.01
CIE _{LCh}	44, 0.006, 296.813
Yxy	13.5633, 0.3127, 0.3290
Android (android.graphics.Color)	4284966759 (0xFF676767)
YUV	103.0000, 0.0000, 0.0000
Hunter-Lab	36.8284, -1.9651, 2.0010

Details

The Hex color **676767** is a dark color, and the websafe version is hex **666666**, and the color name is **granite gray**. A complement of this color would be **676767**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9A9A9A**, and **383838** is the 20% darker color. If you saturate the color by 10%, you get **675D5D**, and if you desaturate by 10%, it is **677171**.

Distribution



Red (40%)

Green (40%)

Blue (40%)



Red (40%)

Yellow (40%)

Blue (40%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (60%)



Cyan (60%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676767 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 676767 by changing the saturation by 10% instead.



676767



676767

FFFFFF



4F4F4F



9A9A9A



383838



B5B5B5



232323



D0D0D0



0D0D0D



EDEDED



000000



676767



676767



675D5D



677171



675252



677C7C



674848



678686

673E3E

679090

673434

679B9B

672929

67A5A5

671F1F

67AFAF

671515

67B9B9

670A0A

67C4C4

Harmonies

Sweetspot

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



676767



878787



454545



C4C4C4

Same Dimension

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



676767



878787



333333



730000



F20000

Inverse Universe

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



676767



878787



333333



007373



00F2F2

Previews

White Background



This preview shows how the Hex color 676767 looks on a white background.

Color Contrast Check

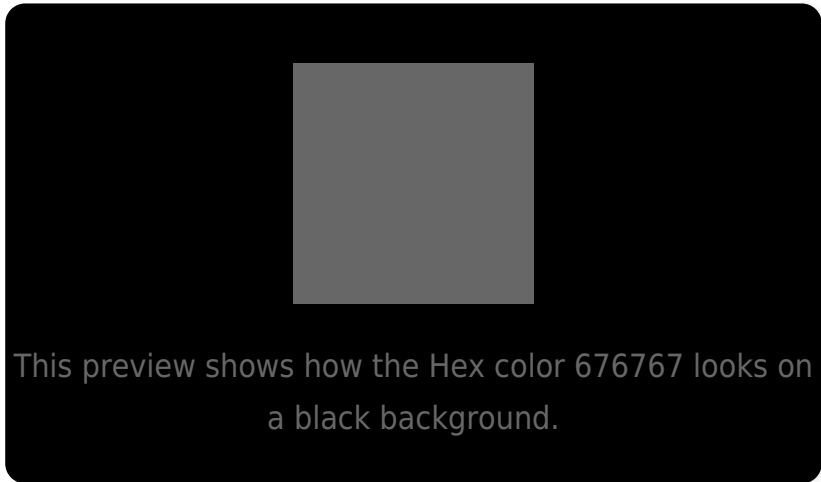
Large Text (above 18pt) WCAG AA ✓ Pass

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

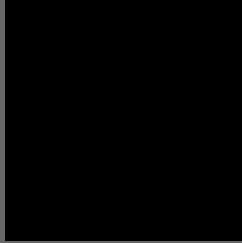
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

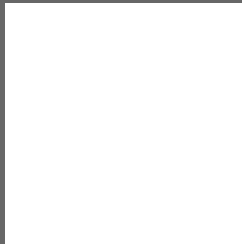
Any Text WCAG AAA × Fail

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

Hex 676767 Background



This preview shows how black text looks on a background with the Hex color 676767.



This preview shows how white text looks on a background with the Hex color 676767.

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
676767

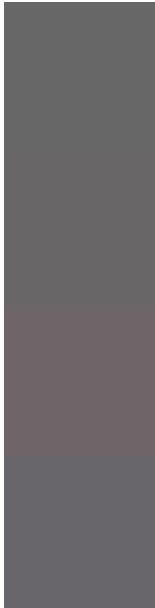
Protanopia
696667

Deuteranopia
716468



Tritanopia
68666E

Trichromacy



Original Color

676767

Protanomaly

686667

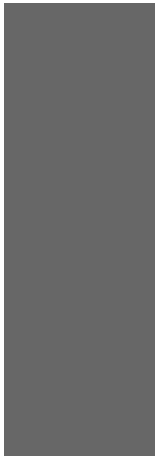
Deuteranomaly

6D6568

Tritanomaly

68666B

Monochromacy



Original Color

676767

Achromatopsia

676767

Achromatomaly

676767

CSS Examples

Text

The CSS property to change the color of the text to Hex 676767 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 #676767 looks like.

```
.text, #text, p{  
    color:#676767  
}
```

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 #676767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676767
}
```

Border

The CSS property to change the border of an element to Hex 676767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

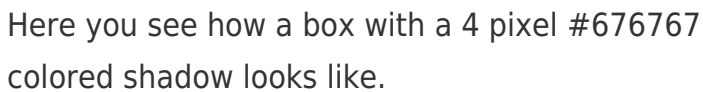
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676767 }
```

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

```
.border{ border-color:#676767 }
```

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



Here you see how a box with a 4 pixel #676767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676767; -webkit-box-shadow:4px 4px  
4px 4px #676767; box-shadow:4px 4px 4px  
4px #676767 }
```

Background

The CSS property to change the background color of an element to Hex 676767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676767 }
```

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

```
.background{ background-color:#676767 }
```

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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