

Converting Colors

Hex(676D08)

Have a look what the booklet for
Hex(676D08) contains.

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Color

Hex(676D08)

Conversions

Conversions Part 1

Format	Color
Hex	676D08
RGB	103, 109, 8
RGB Percent	40%, 43%, 3%
CMY	0.5961, 0.5725, 0.9686
CMYK	0.06, 0.00, 0.93, 0.57
HSL	64°, 86%, 23%
HSV	64°, 93%, 43%
XYZ	11.1060, 13.8384, 2.3155
YIQ	95.6920, 28.8450, -32.6830

Conversions

Conversions Part 2

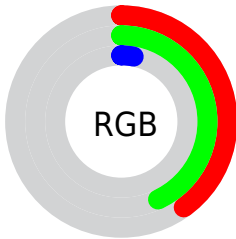
Format	Color
R_{YB}	8, 109, 14
Decimal	6778120
CIE _{Lab}	44.00, -14.18, 48.04
CIE _{LCh}	44, 50.088, 106.445
Yxy	13.8384, 0.4074, 0.5076
Android (android.graphics.Color)	4284968200 (0xFF676D08)
YUV	95.6920, -43.2322, 6.4091
Hunter-Lab	37.2000, -11.8091, 22.3496

Details

The Hex color **676D08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E086D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9DA041**, and **343E00** is the 20% darker color. If you saturate the color by 10%, you get **676D00**, and if you desaturate by 10%, it is **686D13**.

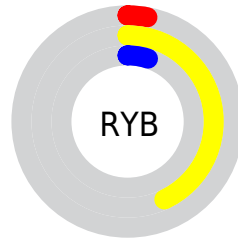
Distribution



Red (40%)

Green (43%)

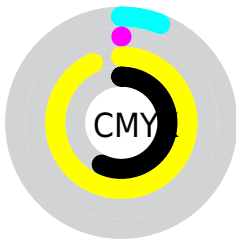
Blue (3%)



Red (3%)

Yellow (43%)

Blue (5%)

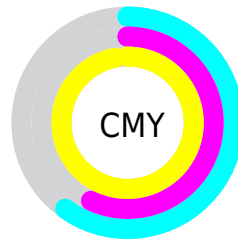


Cyan (6%)

Magenta (0%)

Yellow (93%)

Black (57%)



Cyan (60%)

Magenta (57%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676D08 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 676D08 by changing the saturation by 10% instead.



676D08



676D08

FFFFFF



4D5500



9DA041



343E00



B9BB5B



1B2800



D6D775



001500



F3F38F



000000



FFFFAB



FFFFC6



FFFFE3



676D08



676D08

■ 676D00

■ 686D13

■ 686D1E

■ 696D29

■ 6A6D34

■ 6A6D3F

■ 6B6D49

■ 6C6D54

■ 6C6D5F

■ 6D6D6A

Harmonies

Analogous

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



8C5F0C



676D08



35762A

Triad

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



676D08



0079A4



A9427D

Complementary

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



676D08



0E086D

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.



8752A2



676D08



0072B9

Square

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



676D08



007C7E



4065B8



B34053

Rectangle

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



676D08



007945



4065B8



A1478A

Sweetspot

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



676D08



8C8F67



6D0D08



46472F



C7C7C7



474747

Same Dimension

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



676D08



868F00



356D08



353630



6E7500



E6F500

Inverse Universe

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



0E086D



08008F



40086D



313036



070075



0F00F5

Previews

White Background



This preview shows how the Hex color 676D08 looks on a white background.

Color Contrast Check

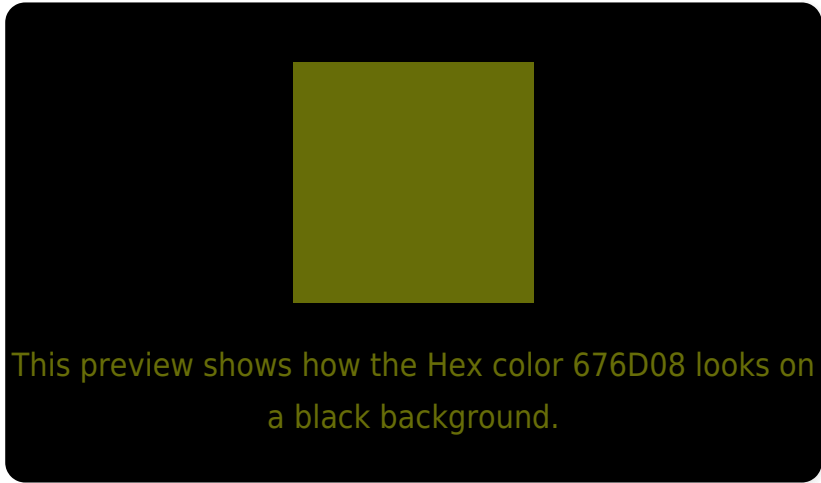
Large Text (above 18pt) WCAG AA ✓ Pass

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

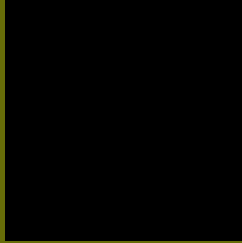
Any Text WCAG AA × Fail

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 676D08 Background



This preview shows how black text looks on a background with the Hex color 676D08.



This preview shows how white text looks on a background with the Hex color 676D08.

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](#).

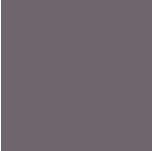
Dichromacy



Original Color
676D08

Protanopia
756805

Deuteranopia
836313



Tritanopia
6F656D

Trichromacy



Original Color
676D08

Protanomaly
706A06

Deuteranomaly
79670F

Tritanomaly
6C6848

Monochromacy



Original Color
676D08

Achromatopsia
606060

Achromatomaly
636540

CSS Examples

Text

The CSS property to change the color of the text to Hex 676D08 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 #676D08 looks like.

```
.text, #text, p{  
    color:#676D08  
}
```

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 #676D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676D08  
}
```

Border

The CSS property to change the border of an element to Hex 676D08 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  
#676D08 }
```

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

```
.border{ border-color:#676D08 }
```

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

Here you see how a box with a 4 pixel #676D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676D08; -webkit-box-shadow:4px 4px  
4px 4px #676D08; box-shadow:4px 4px 4px  
4px #676D08 }
```

Background

The CSS property to change the background color of an element to Hex 676D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676D08 }
```

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

```
.background{ background-color:#676D08 }
```

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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