

Converting Colors

Hex(676306)

Have a look what the booklet for
Hex(676306) contains.

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Color

Hex(676306)

Conversions

Conversions Part 1

Format	Color
Hex	676306
RGB	103, 99, 6
RGB Percent	40%, 39%, 2%
CMY	0.5961, 0.6118, 0.9765
CMYK	0.00, 0.04, 0.94, 0.60
HSL	58°, 89%, 21%
HSV	58°, 94%, 40%
XYZ	10.0882, 11.8204, 1.9222
YIQ	89.5940, 32.2370, -28.0750

Conversions

Conversions Part 2

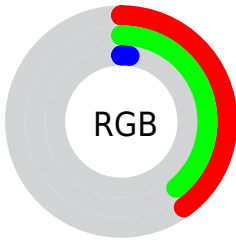
Format	Color
R_{YB}	10, 103, 6
Decimal	6775558
CIE _{Lab}	40.93, -8.65, 46.08
CIE _{LCh}	41, 46.882, 100.632
Y _{xy}	11.8204, 0.4233, 0.4960
Android (android.graphics.Color)	4284965638 (0xFF676306)
Y _{UV}	89.5940, -41.2118, 11.7571
Hunter-Lab	34.3808, -7.7898, 20.7518

Details

The Hex color **676306** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **060A67**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9D953E**, and **343500** is the 20% darker color. If you saturate the color by 10%, you get **676300**, and if you desaturate by 10%, it is **676310**.

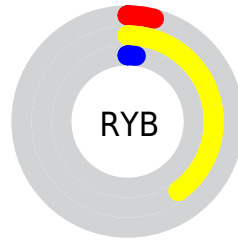
Distribution



Red (40%)

Green (39%)

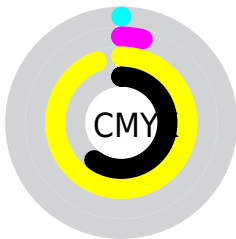
Blue (2%)



Red (4%)

Yellow (40%)

Blue (2%)

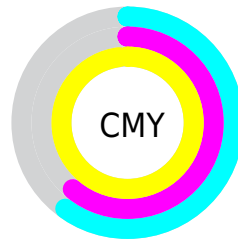


Cyan (0%)

Magenta (4%)

Yellow (94%)

Black (60%)



Cyan (60%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676306 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 676306 by changing the saturation by 10% instead.

 676306

 676306

 FFFFFC

 4D4B00

 9D953E

 343500

 B9B057

 1C2000

 D6CB71

 000600

 F3E78B

 000000

 FFFFA6

 FFFFC2

 FFFFDF

 676306

 676306

■ 676300

■ 676310

■ 67641B

■ 676425

■ 67652F

■ 67653A

■ 676644

■ 67664E

■ 676658

■ 676763

Harmonies

Analogous

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



885512



676306



3D6C21

Triad

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



676306



007192



99407B

Complementary

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



676306



060A67

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.



74509B



676306



006CA9

Square

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



676306



00736E



2560AC



A63B54

Rectangle

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



676306



017039



2560AC



8F4587

Sweetspot

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



676306



878661



67060B



45442D



C4C4C4



454545

Same Dimension

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



676306



878200



3B6706



33332E



736E00



F2E800

Inverse Universe

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



060A67



000687



320667



2E2E33



000573



000AF2

Previews

White Background



This preview shows how the Hex color 676306 looks on a white background.

Color Contrast Check

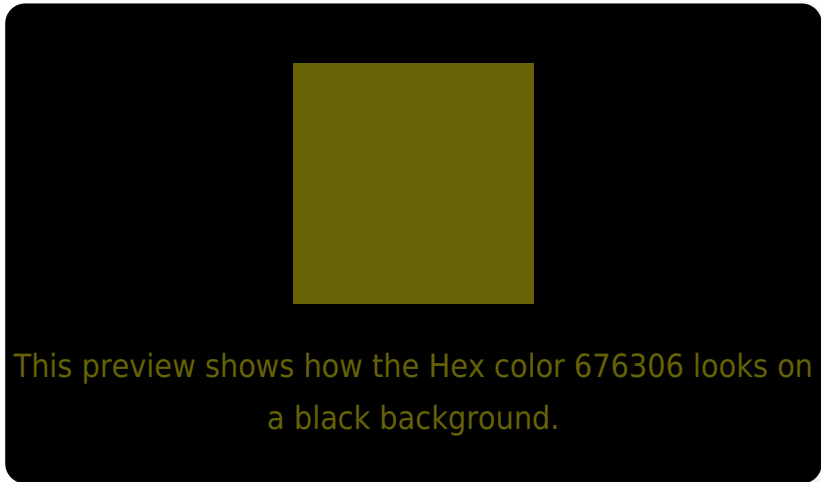
Large Text (above 18pt) WCAG AA ✓ Pass

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 676306 Background



This preview shows how black text looks on a background with the Hex color 676306.



This preview shows how white text looks on a background with the Hex color 676306.

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
676306

Protanopia
6D6104

Deuteranopia
7A5C0F



Tritanopia
6D5C63

Trichromacy



Original Color
676306

Protanomaly
6B6205

Deuteranomaly
735F0C

Tritanomaly
6B5F41

Monochromacy



Original Color
676306

Achromatopsia
5A5A5A

Achromatomaly
5F5D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 676306 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 #676306 looks like.

```
.text, #text, p{  
    color:#676306  
}
```

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 #676306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676306
}
```

Border

The CSS property to change the border of an element to Hex 676306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

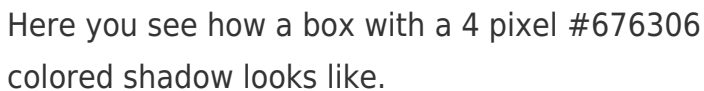
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676306 }
```

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

```
.border{ border-color:#676306 }
```

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



Here you see how a box with a 4 pixel #676306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676306; -webkit-box-shadow:4px 4px  
4px 4px #676306; box-shadow:4px 4px 4px  
4px #676306 }
```

Background

The CSS property to change the background color of an element to Hex 676306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676306 }
```

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

```
.background{ background-color:#676306 }
```

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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