

Converting Colors

Hex(776500)

Have a look what the booklet for
Hex(776500) contains.

Hex(776500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(776500)

Conversions

Conversions Part 1

Format	Color
Hex	776500
RGB	119, 101, 0
RGB Percent	47%, 40%, 0%
CMY	0.5333, 0.6039, 1.0000
CMYK	0.00, 0.15, 1.00, 0.53
HSL	51°, 100%, 23%
HSV	51°, 100%, 47%
XYZ	12.2614, 13.2293, 1.9073
YIQ	94.8680, 43.1490, -27.5950

Conversions

Conversions Part 2

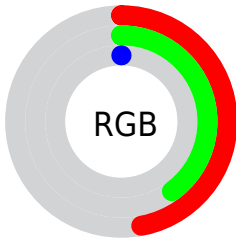
Format	Color
R_YB	21, 119, 0
Decimal	7824640
CIE Lab	43.11, -2.13, 49.97
CIE LCh	43, 50.012, 92.440
Yxy	13.2293, 0.4475, 0.4829
Android (android.graphics.Color)	4286014720 (0xFF776500)
YUV	94.8680, -46.7699, 21.1638
Hunter-Lab	36.3721, -3.4769, 22.3515

Details

The Hex color **776500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001277**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AF983C**, and **423700** is the 20% darker color. If you saturate the color by 10%, you get **776500**, and if you desaturate by 10%, it is **77670C**.

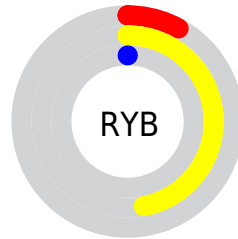
Distribution



Red (47%)

Green (40%)

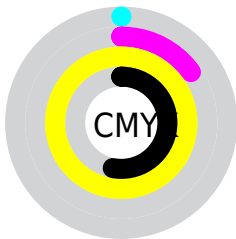
Blue (0%)



Red (8%)

Yellow (47%)

Blue (0%)

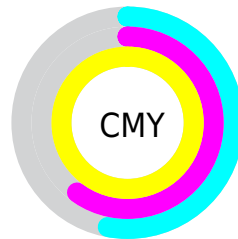


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 776500 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 776500 by changing the saturation by 10% instead.

 776500

 776500

 FFFFFA

 5C4D00

 AF983C

 423700

 CCB255

 292200

 E9CE6F

 0C0C00

 FFEA8A

 000000

 FFFFA5

 FFFFC1

 FFFFDD

 776500

 77670C

 776918

 776A24

 776C30

 776E3B

 777047

 777253

 77735F

 77756B

Harmonies

Analogous

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



985519



776500



4D7017

Triad

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



776500



007891



9A468D

Complementary

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



776500



001277

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.



6A59AC



776500



0074AF

Square

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



776500



007968



006AB9



AF3C64

Rectangle

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



776500



247530



006AB9



8D4D99

Sweetspot

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



776500



9C946D



770014



4F4B33



CFCFCF



4F4F4F

Same Dimension

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



776500



9C8400



4F7700



3B3A35



7A6800



FAD400

Inverse Universe

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



001277



00189C



280077



35363B



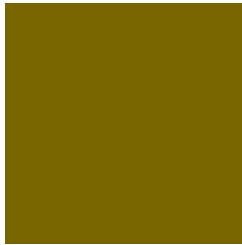
00137A



0026FA

Previews

White Background



This preview shows how the Hex color 776500 looks on a white background.

Color Contrast Check

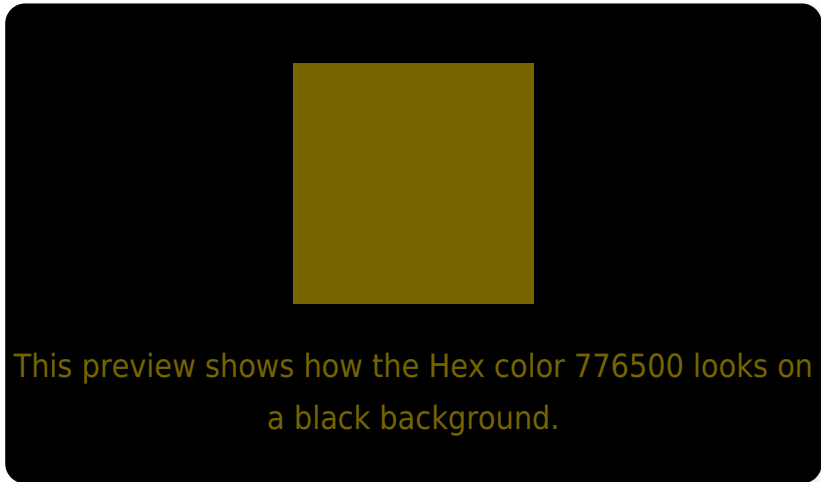
Large Text (above 18pt) WCAG AA ✓ Pass

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 776500 Background



This preview shows how black text looks on a background with the Hex color 776500.



This preview shows how white text looks on a background with the Hex color 776500.

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


776500

Protanopia

736604

Deuteranopia

81610B



Tritanopia
7D5E65

Trichromacy



Original Color
776500

Protanomaly
746603

Deuteranomaly
7D6207

Tritanomaly
7B6140

Monochromacy



Original Color
776500

Achromatopsia
5F5F5F

Achromatomaly
68613C

CSS Examples

Text

The CSS property to change the color of the text to Hex 776500 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 #776500 looks like.

```
.text, #text, p{  
    color:#776500  
}
```

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 #776500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776500
}
```

Border

The CSS property to change the border of an element to Hex 776500 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
#776500 }
```

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

```
.border{ border-color:#776500 }
```

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

Here you see how a box with a 4 pixel #776500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776500; -webkit-box-shadow:4px 4px  
4px 4px #776500; box-shadow:4px 4px 4px  
4px #776500 }
```

Background

The CSS property to change the background color of an element to Hex 776500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776500 }
```

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

```
.background{ background-color:#776500 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor