

Converting Colors

Hex(786500)

Have a look what the booklet for
Hex(786500) contains.

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Color

Hex(786500)

Conversions

Conversions Part 1

Format	Color
Hex	786500
RGB	120, 101, 0
RGB Percent	47%, 40%, 0%
CMY	0.5294, 0.6039, 1.0000
CMYK	0.00, 0.16, 1.00, 0.53
HSL	50°, 100%, 24%
HSV	50°, 100%, 47%
XYZ	12.3994, 13.3004, 1.9137
YIQ	95.1670, 43.7450, -27.3830

Conversions

Conversions Part 2

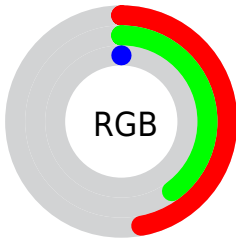
Format	Color
R_YB	23, 120, 0
Decimal	7890176
CIE Lab	43.21, -1.64, 50.09
CIE LCh	43, 50.117, 91.876
Yxy	13.3004, 0.4490, 0.4817
Android (android.graphics.Color)	4286080256 (0xFF786500)
YUV	95.1670, -46.9173, 21.7785
Hunter-Lab	36.4698, -3.1336, 22.4176

Details

The Hex color **786500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001378**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B0983C**, and **433700** is the 20% darker color. If you saturate the color by 10%, you get **786500**, and if you desaturate by 10%, it is **78670C**.

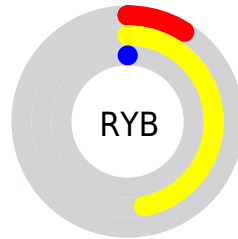
Distribution



Red (47%)

Green (40%)

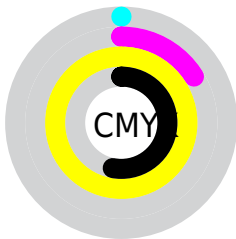
Blue (0%)



Red (9%)

Yellow (47%)

Blue (0%)

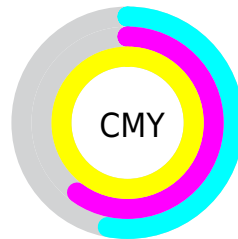


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786500 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 786500 by changing the saturation by 10% instead.

 786500

 786500

 FFFFFA

 5D4D00

 B0983C

 433700

 CDB255

 2A2200

 EACE6F

 0D0C00

 FFEA8A

 000000

 FFFFA5

 FFFFC1

 FFFFDD

 786500

 78670C

 786918

 786B24

 786D30

 786E3C

 787048

 787254

 787460

 78766C

Harmonies

Analogous

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



995519



786500



4E7016

Triad

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



786500



007991



9A478E

Complementary

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



786500



001378

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.



695AAD



786500



0074AF

Square

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



786500



007968



006AB9



AF3C65

Rectangle

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



786500



25752F



006AB9



8D4D9A

Sweetspot

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



786500



9C946D



780014



4F4B33



CFCFCF



4F4F4F

Same Dimension

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



786500



9C8300



507800



3D3C37



7D6900



FCD400

Inverse Universe

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



001378



00199C



280078



37383D



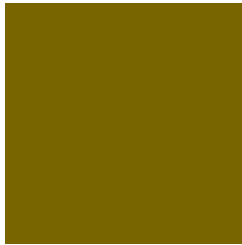
00147D



0028FC

Previews

White Background



This preview shows how the Hex color 786500 looks on a white background.

Color Contrast Check

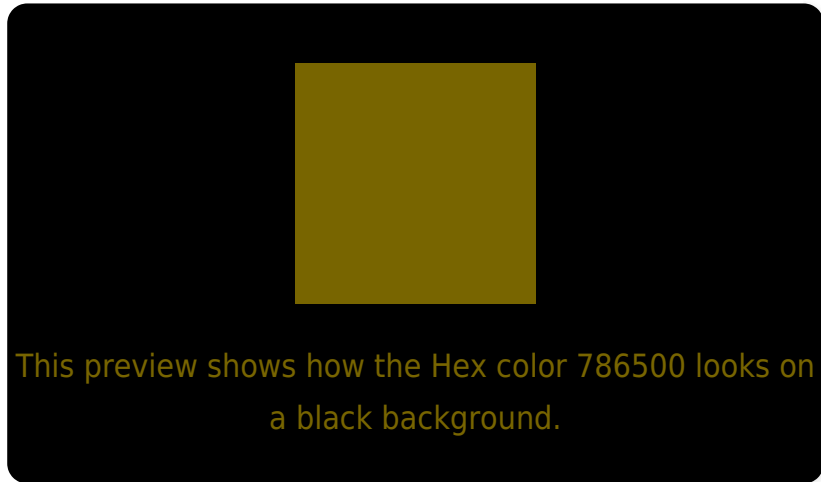
Large Text (above 18pt) WCAG AA ✓ Pass

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 786500 Background



This preview shows how black text looks on a background with the Hex color 786500.



This preview shows how white text looks on a background with the Hex color 786500.

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
786500

Protanopia
746704

Deuteranopia
81610B



Tritanopia
7E5E65

Trichromacy



Original Color
786500

Protanomaly
756603

Deuteranomaly
7E6207

Tritanomaly
7C6140

Monochromacy



Original Color
786500

Achromatopsia
5F5F5F

Achromatomaly
68613C

CSS Examples

Text

The CSS property to change the color of the text to Hex 786500 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 #786500 looks like.

```
.text, #text, p{  
    color:#786500  
}
```

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 #786500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786500
}
```

Border

The CSS property to change the border of an element to Hex 786500 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
#786500 }
```

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

```
.border{ border-color:#786500 }
```

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

Here you see how a box with a 4 pixel #786500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786500; -webkit-box-shadow:4px 4px  
4px 4px #786500; box-shadow:4px 4px 4px  
4px #786500 }
```

Background

The CSS property to change the background color of an element to Hex 786500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786500 }
```

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

```
.background{ background-color:#786500 }
```

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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