

Converting Colors

Hex(785500)

Have a look what the booklet for
Hex(785500) contains.

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Color

Hex(785500)

Conversions

Conversions Part 1

Format	Color
Hex	785500
RGB	120, 85, 0
RGB Percent	47%, 33%, 0%
CMY	0.5294, 0.6667, 1.0000
CMYK	0.00, 0.29, 1.00, 0.53
HSL	42°, 100%, 24%
HSV	42°, 100%, 47%
XYZ	10.9942, 10.4901, 1.4453
YIQ	85.7750, 48.1450, -19.0150

Conversions

Conversions Part 2

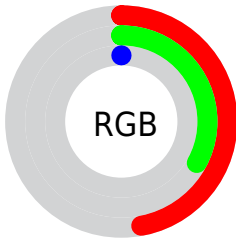
Format	Color
RYB	49, 120, 0
Decimal	7886080
CIELab	38.71, 7.81, 46.97
CIELCh	39, 47.614, 80.560
Yxy	10.4901, 0.4795, 0.4575
Android (android.graphics.Color)	4286076160 (0xFF785500)
YUV	85.7750, -42.2871, 30.0153
Hunter-Lab	32.3884, 3.9121, 20.0261

Details

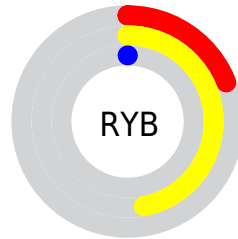
The Hex color **785500** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002378**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B08638**, and **422800** is the 20% darker color. If you saturate the color by 10%, you get **785500**, and if you desaturate by 10%, it is **78580C**.

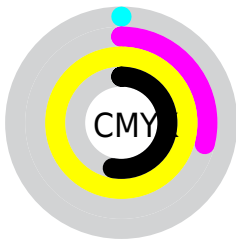
Distribution



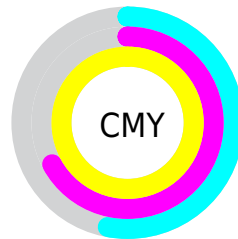
- Red (47%)
- Green (33%)
- Blue (0%)



- Red (19%)
- Yellow (47%)
- Blue (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (100%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785500 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 785500 by changing the saturation by 10% instead.

 785500

 785500

 FFFFF4

 5D3E00

 B08638

 422800

 CDA051

 291400

 EBBB6B

 060000

 FFD785

 000000

 FFF3A0

 FFFFBB

 FFFFD7

 785500

 78580C

 785C18

 785F24

 786330

 78663C

 786A48

 786D54

 787160

 78746C

Harmonies

Analogous

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



93451F



785500



546103

Triad

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



785500



006D75



7D448D

Complementary

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



785500



002378

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.



4256A4



785500



006A96

Square

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



785500



006C4D



0063A8



9A3569

Rectangle

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



785500



36671A



0063A8



6E4B96

Sweetspot

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



785500



9C8E6D



780024



4F4733



CFCFCF



4F4F4F

Same Dimension

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



785500



9C6E00



607800



3D3B37



7D5900



FCB300

Inverse Universe

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



002378



002D9C



180078



37393D



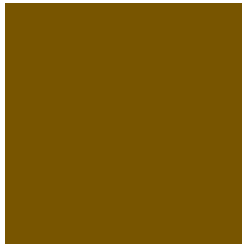
00247D



004AFC

Previews

White Background



This preview shows how the Hex color 785500 looks on a white background.

Color Contrast Check

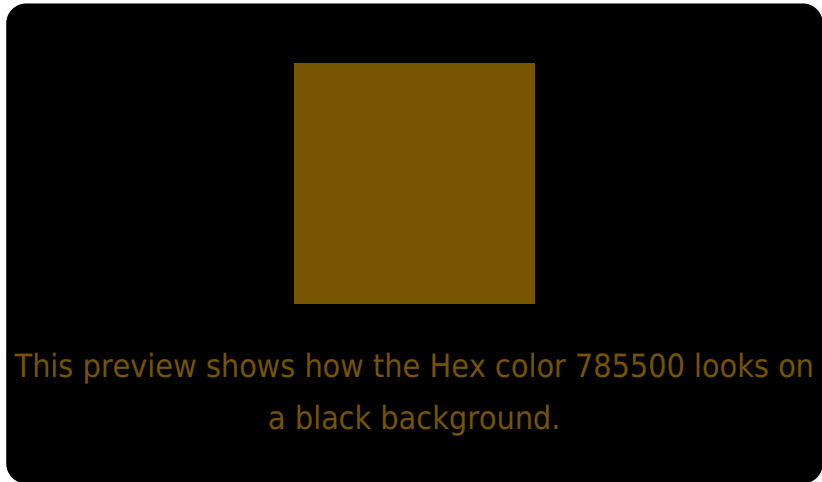
Large Text (above 18pt) WCAG AA ✓ Pass

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 785500 Background



This preview shows how black text looks on a background with the Hex color 785500.



This preview shows how white text looks on a background with the Hex color 785500.

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
785500

Protanopia
675C07

Deuteranopia
745700



Tritanopia
7C4F55

Trichromacy



Original Color
785500

Protanomaly
6D5904

Deuteranomaly
755600

Tritanomaly
7B5136

Monochromacy



Original Color
785500

Achromatopsia
565656

Achromatomaly
625637

CSS Examples

Text

The CSS property to change the color of the text to Hex 785500 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 #785500 looks like.

```
.text, #text, p{  
    color:#785500  
}
```

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 #785500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785500
}
```

Border

The CSS property to change the border of an element to Hex 785500 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
#785500 }
```

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

```
.border{ border-color:#785500 }
```

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

Here you see how a box with a 4 pixel #785500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785500; -webkit-box-shadow:4px 4px  
4px 4px #785500; box-shadow:4px 4px 4px  
4px #785500 }
```

Background

The CSS property to change the background color of an element to Hex 785500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785500 }
```

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

```
.background{ background-color:#785500 }
```

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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