

Converting Colors

Hex(876500)

Have a look what the booklet for
Hex(876500) contains.

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Color

Hex(876500)

Conversions

Conversions Part 1

Format	Color
Hex	876500
RGB	135, 101, 0
RGB Percent	53%, 40%, 0%
CMY	0.4706, 0.6039, 1.0000
CMYK	0.00, 0.25, 1.00, 0.47
HSL	45°, 100%, 26%
HSV	45°, 100%, 53%
XYZ	14.6454, 14.4583, 2.0188
YIQ	99.6520, 52.6850, -24.2030

Conversions

Conversions Part 2

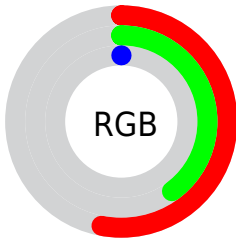
Format	Color
RYB	45, 135, 0
Decimal	8873216
CIELab	44.88, 5.63, 52.04
CIElCh	45, 52.339, 83.827
Yxy	14.4583, 0.4706, 0.4646
Android (android.graphics.Color)	4287063296 (0xFF876500)
YUV	99.6520, -49.1284, 31.0002
Hunter-Lab	38.0240, 2.2091, 23.4689

Details

The Hex color **876500** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002287**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C0983C**, and **503700** is the 20% darker color. If you saturate the color by 10%, you get **876500**, and if you desaturate by 10%, it is **87680D**.

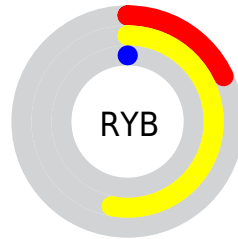
Distribution



Red (53%)

Green (40%)

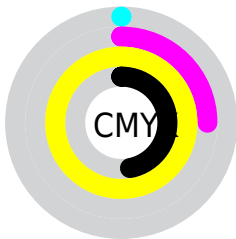
Blue (0%)



Red (18%)

Yellow (53%)

Blue (0%)

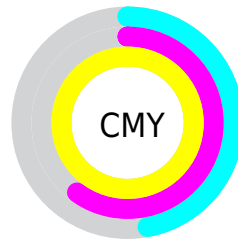


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876500 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 876500 by changing the saturation by 10% instead.

 876500

 876500

 FFFFFFFB

 6B4D00

 C0983C

 503700

 DEB256

 362200

 FCCE70

 1E0C00

 FFEA8B

 000000

 FFFFA6

 FFFFC2

 FFFFDE

 876500

 87680D

 876C1B

 876F29

 877336

 877644

 877951

 877D5E

 87806C

 87847A

Harmonies

Analogous

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



A65323



876500



5E720B

Triad

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



876500



007E8C



964E9E

Complementary

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



876500



002287

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.



5862BA



876500



007BB0

Square

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



876500



007E5F



0072C1



B33F75

Rectangle

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



876500



3A7826



0072C1



8655AA

Sweetspot

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



876500



B0A37B



870024



595139



D9D9D9



595959

Same Dimension

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



876500



B08400



688700



42413C



826100



030200

Inverse Universe

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



002287



002CB0



200087



3C3D42



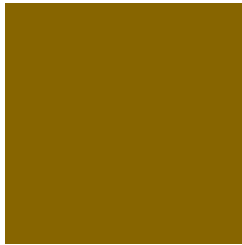
002182



000103

Previews

White Background



This preview shows how the Hex color 876500 looks on a white background.

Color Contrast Check

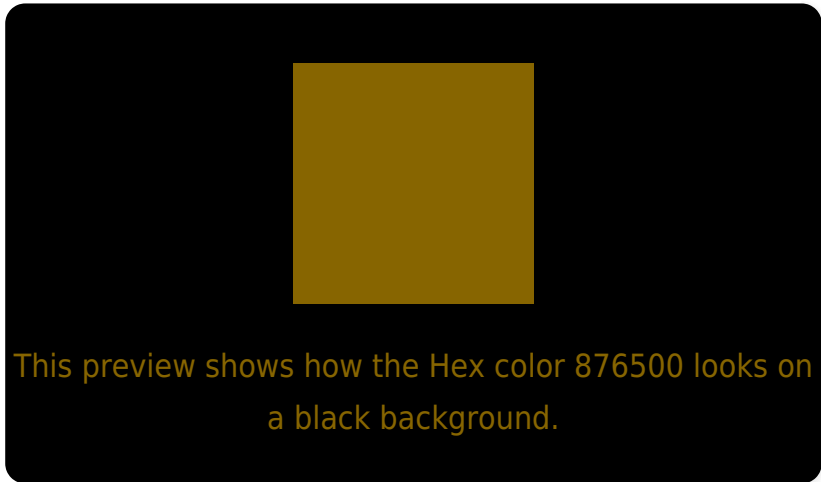
Large Text (above 18pt) WCAG AA ✓ Pass

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 876500 Background



This preview shows how black text looks on a background with the Hex color 876500.



This preview shows how white text looks on a background with the Hex color 876500.

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
876500

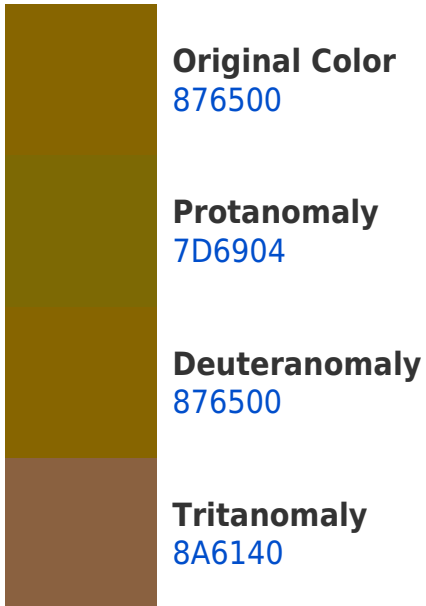
Protanopia
786B07

Deuteranopia
876500

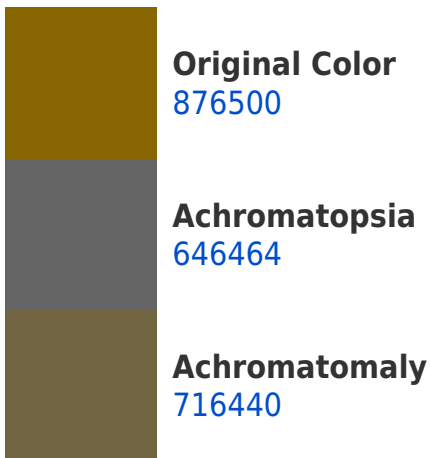


Tritanopia
8C5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 876500 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 #876500 looks like.

```
.text, #text, p{  
    color:#876500  
}
```

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 #876500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876500
}
```

Border

The CSS property to change the border of an element to Hex 876500 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
#876500 }
```

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

```
.border{ border-color:#876500 }
```

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

Here you see how a box with a 4 pixel #876500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876500; -webkit-box-shadow:4px 4px  
4px 4px #876500; box-shadow:4px 4px 4px  
4px #876500 }
```

Background

The CSS property to change the background color of an element to Hex 876500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876500 }
```

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

```
.background{ background-color:#876500 }
```

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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