

Converting Colors

Hex(A46500)

Have a look what the booklet for
Hex(A46500) contains.

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Color

Hex(A46500)

Conversions

Conversions Part 1

Format	Color
Hex	A46500
RGB	164, 101, 0
RGB Percent	64%, 40%, 0%
CMY	0.3569, 0.6039, 1.0000
CMYK	0.00, 0.38, 1.00, 0.36
HSL	37°, 100%, 32%
HSV	37°, 100%, 64%
XYZ	19.9635, 17.1999, 2.2677
YIQ	108.3230, 69.9690, -18.0550

Conversions

Conversions Part 2

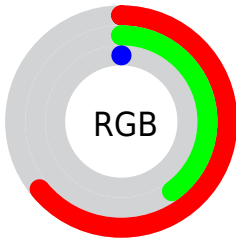
Format	Color
RYB	102, 164, 0
Decimal	10773760
CIELab	48.51, 19.15, 56.20
CIElCh	49, 59.372, 71.183
Yxy	17.1999, 0.5063, 0.4362
Android (android.graphics.Color)	4288963840 (0xFFA46500)
YUV	108.3230, -53.4032, 48.8287
Hunter-Lab	41.4727, 13.3464, 25.7890

Details

The Hex color **A46500** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003FA4**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E0983E**, and **6A3600** is the 20% darker color. If you saturate the color by 10%, you get **A46500**, and if you desaturate by 10%, it is **A46B10**.

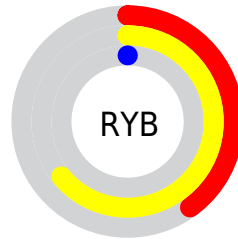
Distribution



Red (64%)

Green (40%)

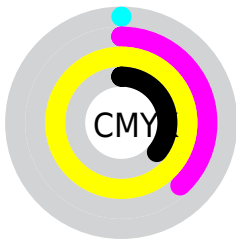
Blue (0%)



Red (40%)

Yellow (64%)

Blue (0%)

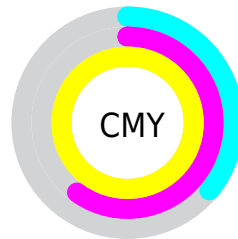


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A46500 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 A46500 by changing the saturation by 10% instead.

 A46500

 A46500

FFFFFFE

 874D00

 E0983E

 6A3600

 FFB358

 4E2000

 FFCE72

 330B00

 FFE88D

 1A0001

 FFFFA8

 000000

 FFFFC4

 FFFFE1

 A46500

 A46B10

 A47221

 A47831

 A47E42

 A48452

 A48B62

 A49173

 A49783

 A49E94

Harmonies

Analogous

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



C24E33



A46500



797700

Triad

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



A46500



008A85



8D5DBF

Complementary

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



A46500



003FA4

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.



0C73D6



A46500



0088B4

Square

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



A46500



008851



0081D2



BC4595

Rectangle

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



A46500



567F0A



0081D2



7365CA

Sweetspot

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



A46500



D6BE96



A40042



6B5C45



EBEBEB



6B6B6B

Same Dimension

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



A46500



D68400



94A400



524E49



915A00



120B00

Inverse Universe

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



003FA4



0052D6



1000A4



494D52



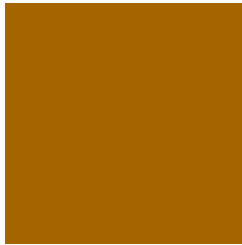
003891



000712

Previews

White Background



This preview shows how the Hex color A46500 looks on a white background.

Color Contrast Check

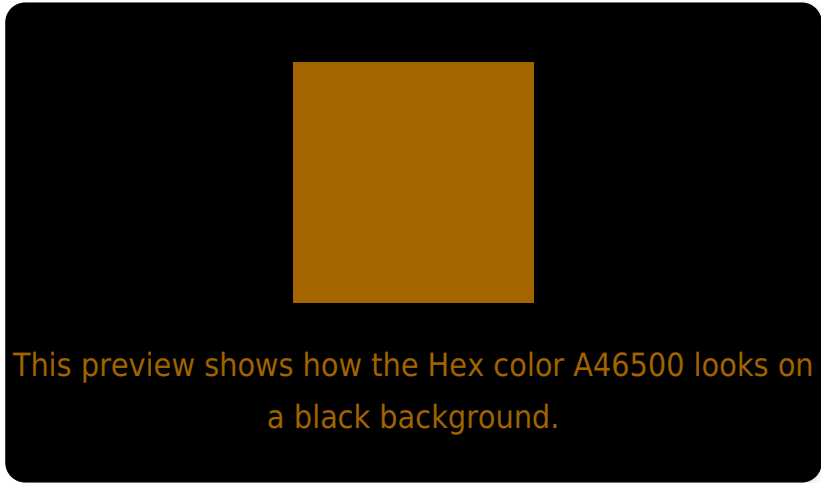
Large Text (above 18pt) WCAG AA ✓ Pass

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 A46500 Background



This preview shows how black text looks on a background with the Hex color A46500.



This preview shows how white text looks on a background with the Hex color A46500.

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
A46500

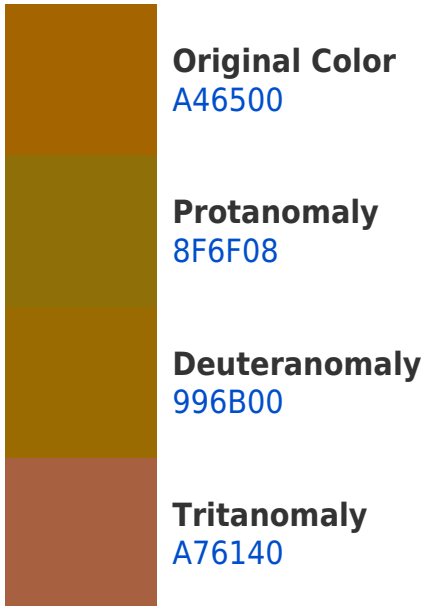
Protanopia
83740C

Deuteranopia
926E00



Tritanopia
A85E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A46500 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 #A46500 looks like.

```
.text, #text, p{  
    color:#A46500  
}
```

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 #A46500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46500  
}
```

Border

The CSS property to change the border of an element to Hex A46500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

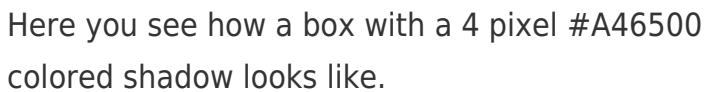
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A46500 }
```

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

```
.border{ border-color:#A46500 }
```

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



Here you see how a box with a 4 pixel #A46500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46500; -webkit-box-shadow:4px 4px  
4px 4px #A46500; box-shadow:4px 4px 4px  
4px #A46500 }
```

Background

The CSS property to change the background color of an element to Hex A46500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46500 }
```

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

```
.background{ background-color:#A46500 }
```

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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