

Converting Colors

Hex(8A6700)

Have a look what the booklet for
Hex(8A6700) contains.

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Color

Hex(8A6700)

Conversions

Conversions Part 1

Format	Color
Hex	8A6700
RGB	138, 103, 0
RGB Percent	54%, 40%, 0%
CMY	0.4588, 0.5961, 1.0000
CMYK	0.00, 0.25, 1.00, 0.46
HSL	45°, 100%, 27%
HSV	45°, 100%, 54%
XYZ	15.3315, 15.1038, 2.1073
YIQ	101.7230, 53.9230, -24.6130

Conversions

Conversions Part 2

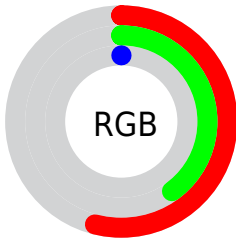
Format	Color
R_{YB}	47, 138, 0
Decimal	9070336
CIE Lab	45.78, 5.90, 52.81
CIE LCh	46, 53.142, 83.624
Yxy	15.1038, 0.4711, 0.4641
Android (android.graphics.Color)	4287260416 (0xFF8A6700)
YUV	101.7230, -50.1494, 31.8149
Hunter-Lab	38.8636, 2.4061, 23.9897

Details

The Hex color **8A6700** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00238A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C49A3D**, and **533900** is the 20% darker color. If you saturate the color by 10%, you get **8A6700**, and if you desaturate by 10%, it is **8A6B0E**.

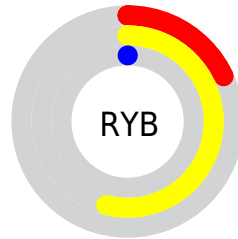
Distribution



Red (54%)

Green (40%)

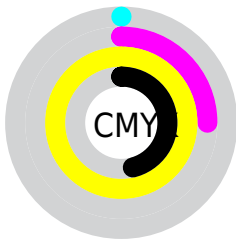
Blue (0%)



Red (18%)

Yellow (54%)

Blue (0%)

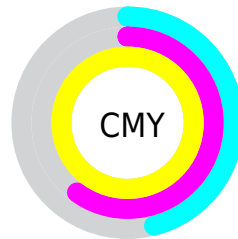


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A6700 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 8A6700 by changing the saturation by 10% instead.

 8A6700

 8A6700

 FFFFFC

 6E4F00

 C49A3D

 533900

 E1B457

 392300

 FFD071

 200F00

 FFEC8C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 8A6700

 8A6B0E

 8A6E1C

 8A7229

 8A7537

 8A7945

 8A7C53

 8A7F61

 8A836E

 8A877C

Harmonies

Analogous

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



AA5524



8A6700



60740B

Triad

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



8A6700



00818F



9950A2

Complementary

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



8A6700



00238A

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.



5965BE



8A6700



007DB3

Square

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



8A6700



008061



0074C5



B74078

Rectangle

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



8A6700



3C7A26



0074C5



8857AD

Sweetspot

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



8A6700



B3A57D



8A0025



595139



D9D9D9



595959

Same Dimension

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



8A6700



B38500



6A8A00



45433E



856300



050400

Inverse Universe

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



00238A



002DB3



20008A



3E4045



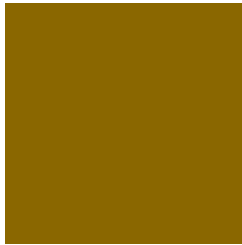
002285



000105

Previews

White Background



This preview shows how the Hex color 8A6700 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 8A6700 Background



This preview shows how black text looks on a background with the Hex color 8A6700.



This preview shows how white text looks on a background with the Hex color 8A6700.

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
8A6700

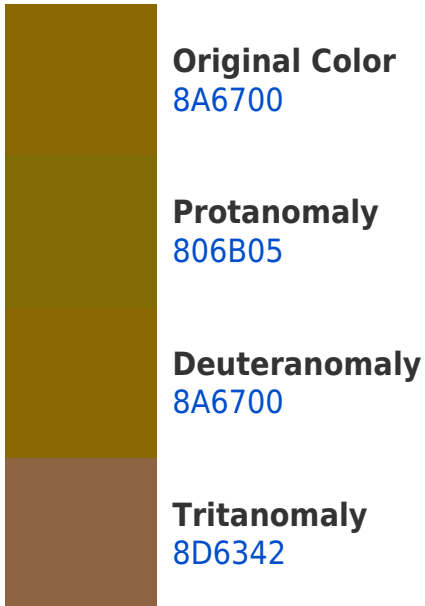
Protanopia
7B6D08

Deuteranopia
8A6700

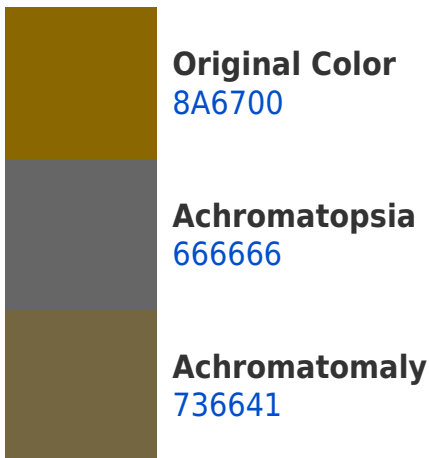


Tritanopia
8F6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A6700 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 #8A6700 looks like.

```
.text, #text, p{  
    color:#8A6700  
}
```

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 #8A6700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6700
}
```

Border

The CSS property to change the border of an element to Hex 8A6700 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
#8A6700 }
```

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

```
.border{ border-color:#8A6700 }
```

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

Here you see how a box with a 4 pixel #8A6700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6700; -webkit-box-shadow:4px 4px  
4px 4px #8A6700; box-shadow:4px 4px 4px  
4px #8A6700 }
```

Background

The CSS property to change the background color of an element to Hex 8A6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6700 }
```

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

```
.background{ background-color:#8A6700 }
```

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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