

Converting Colors

Hex(8A6400)

Have a look what the booklet for
Hex(8A6400) contains.

| | |
|--|----|
| Hex(8A6400) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(8A6400)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8A6400 |
| RGB | 138, 100, 0 |
| RGB Percent | 54%, 39%, 0% |
| CMY | 0.4588, 0.6078, 1.0000 |
| CMYK | 0.00, 0.28, 1.00, 0.46 |
| HSL | 43°, 100%, 27% |
| HSV | 43°, 100%, 54% |
| XYZ | 15.0384, 14.5176, 2.0096 |
| YIQ | 99.9620, 54.7480, -23.0440 |

Conversions

Conversions Part 2

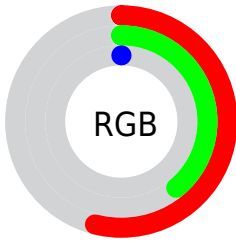
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 52, 138, 0 |
| Decimal | 9069568 |
| CIE Lab | 44.97, 7.65, 52.26 |
| CIE LCh | 45, 52.817, 81.676 |
| Yxy | 14.5176, 0.4764, 0.4599 |
| Android (android.graphics.Color) | 4287259648 (0xFF8A6400) |
| YUV | 99.9620, -49.2813, 33.3593 |
| Hunter-Lab | 38.1020, 3.7734, 23.5443 |

Details

The Hex color **8A6400** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00268A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C4973C**, and **533600** is the 20% darker color. If you saturate the color by 10%, you get **8A6400**, and if you desaturate by 10%, it is **8A680E**.

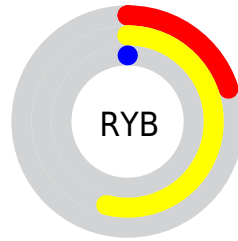
Distribution



Red (54%)

Green (39%)

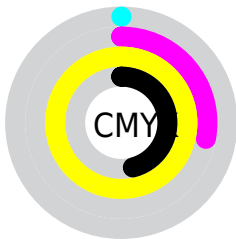
Blue (0%)



Red (20%)

Yellow (54%)

Blue (0%)

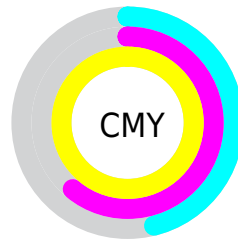


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A6400 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 8A6400 by changing the saturation by 10% instead.

 8A6400

 8A6400

 FFFFFB

 6E4C00

 C4973C

 533600

 E1B156

 382100

 FFCD70

 200B00

 FFE98B

 000000

 FFFFA6

 FFFFC2

 FFFFDE

 8A6400

 8A680E

 8A6C1C

 8A6F29

 8A7337

 8A7745

 8A7B53

 8A7F61

 8A826E

 8A867C

Harmonies

Analogous

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



A95225



8A6400



617206

Triad

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



8A6400



007F8A



9350A2

Complementary

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



8A6400



00268A

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.



5164BD



8A6400



007CAF

Square

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



8A6400



007E5C



0073C2



B33F79

Rectangle

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



8A6400



3E7822



0073C2



8257AD

Sweetspot

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



8A6400



B3A47D



8A0027



595039



D9D9D9



595959

Same Dimension

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



8A6400



B38100



6C8A00



45433E



856000



050400

Inverse Universe

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



00268A



0031B3



1E008A



3E4045



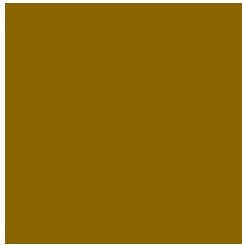
002585



000105

Previews

White Background



This preview shows how the Hex color 8A6400 looks on a white background.

Color Contrast Check

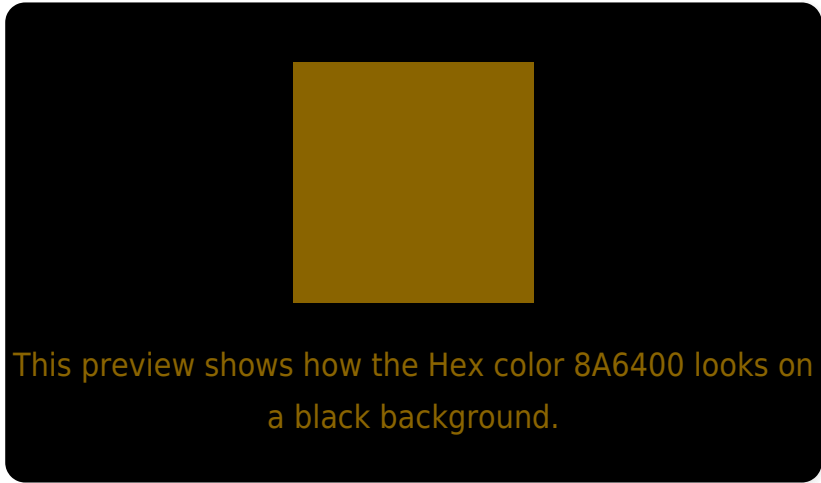
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A6400 Background



This preview shows how black text looks on a background with the Hex color 8A6400.



This preview shows how white text looks on a background with the Hex color 8A6400.

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
8A6400

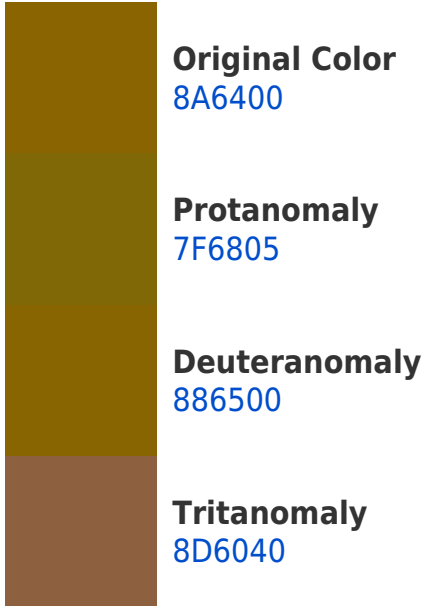
Protanopia
796B08

Deuteranopia
876500

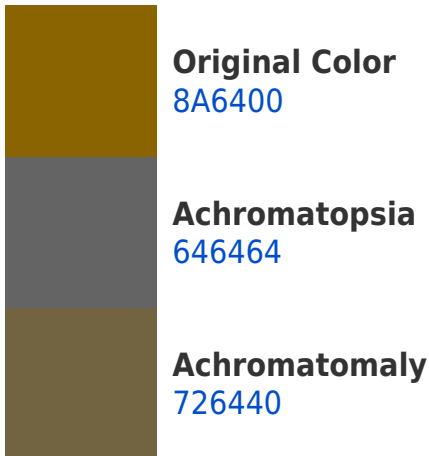


Tritanopia
8F5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A6400 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 #8A6400 looks like.

```
.text, #text, p{  
    color:#8A6400  
}
```

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 #8A6400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6400
}
```

Border

The CSS property to change the border of an element to Hex 8A6400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

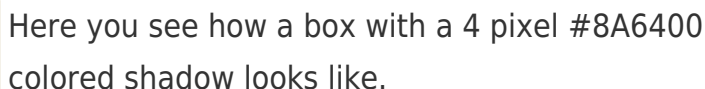
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A6400 }
```

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

```
.border{ border-color:#8A6400 }
```

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

A rectangular box with a 4px #8A6400 colored shadow. The box is white with a thin black border and a thick #8A6400 shadow on the right and bottom sides. The text inside the box is: "Here you see how a box with a 4 pixel #8A6400 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6400; -webkit-box-shadow:4px 4px  
4px 4px #8A6400; box-shadow:4px 4px 4px  
4px #8A6400 }
```

Background

The CSS property to change the background color of an element to Hex 8A6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6400 }
```

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

```
.background{ background-color:#8A6400 }
```

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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