

Converting Colors

Hex(A6480D)

Have a look what the booklet for
Hex(A6480D) contains.

Hex(A6480D)	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(A6480D)

Conversions

Conversions Part 1

Format	Color
Hex	A6480D
RGB	166, 72, 13
RGB Percent	65%, 28%, 5%
CMY	0.3490, 0.7176, 0.9490
CMYK	0.00, 0.57, 0.92, 0.35
HSL	23°, 85%, 35%
HSV	23°, 92%, 65%
XYZ	18.1159, 12.7708, 1.8910
YIQ	93.3800, 74.9630, 1.5790

Conversions

Conversions Part 2

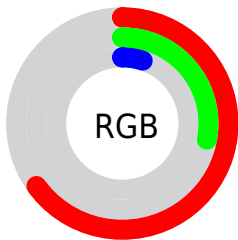
Format	Color
R _Y B	166, 109, 13
Decimal	10897421
CIE Lab	42.42, 35.95, 48.92
CIE LCh	42, 60.715, 53.688
Yxy	12.7708, 0.5527, 0.3896
Android (android.graphics.Color)	4289087501 (0xFFA6480D)
YUV	93.3800, -39.6273, 63.6877
Hunter-Lab	35.7362, 27.9493, 21.8781

Details

The Hex color **A6480D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D6BA6**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E37B40**, and **6B1600** is the 20% darker color. If you saturate the color by 10%, you get **A64000**, and if you desaturate by 10%, it is **A6521E**.

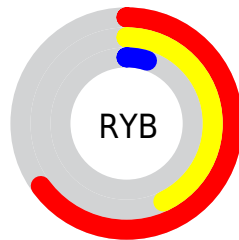
Distribution



Red (65%)

Green (28%)

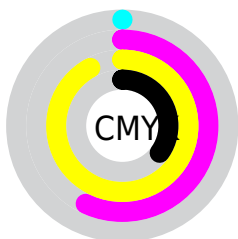
Blue (5%)



Red (65%)

Yellow (43%)

Blue (5%)

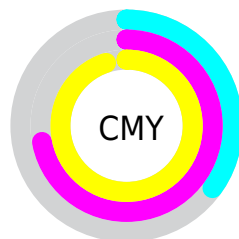


Cyan (0%)

Magenta (57%)

Yellow (92%)

Black (35%)



Cyan (35%)

Magenta (72%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6480D 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 A6480D by changing the saturation by 10% instead.

 A6480D

 A6480D

FFFFFFD

 882F00

 E37B40

 6B1600

 FF9559

 4E0000

 FFB173

 330000

 FFCD8D

 090000

 FFE9A8

 000000

 FFFFC3

 FFFFEO

 A6480D

 A6480D

■ A64000

■ A6521E

■ A65C2E

■ A6673F

■ A6714F

■ A67B60

■ A68571

■ A68F81

■ A69A92

■ A6A4A2

Harmonies

Analogous

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



BA2F3F



A6480D



825E00

Triad

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



A6480D



007958



475CC1

Complementary

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



A6480D



0D6BA6

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.



006EC9



A6480D



007A8B

Square

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



A6480D



007623



0077B5



9541A0

Rectangle

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



A6480D



646900



0077B5



0063C7

Sweetspot

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



A6480D



D9B39C



A60D6B



6E5748



EDEDED



6E6E6E

Same Dimension

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



A6480D



D95400



A6940D



544F4C



943900



140800

Inverse Universe

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



0D6BA6



0085D9



0D1FA6



4C5154



005B94



000D14

Previews

White Background



This preview shows how the Hex color A6480D looks on a white background.

Color Contrast Check

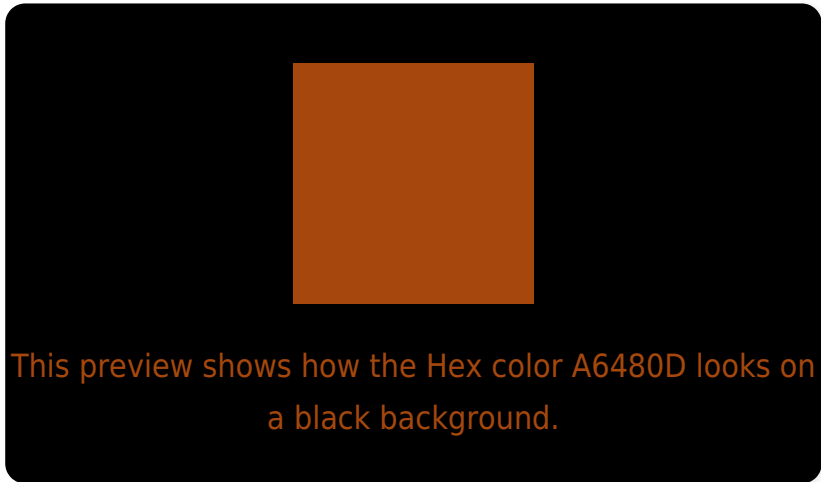
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6480D Background



This preview shows how black text looks on a background with the Hex color A6480D.



This preview shows how white text looks on a background with the Hex color A6480D.

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
A6480D

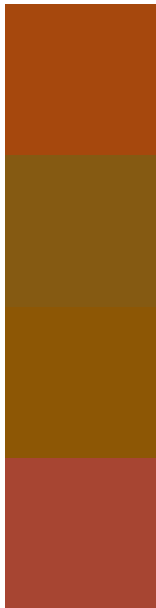
Protanopia
726515

Deuteranopia
7F6000



Tritanopia
A84347

Trichromacy



Original Color
A6480D

Protanomaly
855A12

Deuteranomaly
8D5705

Tritanomaly
A74532

Monochromacy



Original Color
A6480D

Achromatopsia
5D5D5D

Achromatomaly
785540

CSS Examples

Text

The CSS property to change the color of the text to Hex A6480D 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 #A6480D looks like.

```
.text, #text, p{  
    color:#A6480D  
}
```

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 #A6480D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6480D
}
```

Border

The CSS property to change the border of an element to Hex A6480D 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
#A6480D }
```

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

```
.border{ border-color:#A6480D }
```

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

Here you see how a box with a 4 pixel #A6480D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6480D; -webkit-box-shadow:4px 4px  
4px 4px #A6480D; box-shadow:4px 4px 4px  
4px #A6480D }
```

Background

The CSS property to change the background color of an element to Hex A6480D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6480D }
```

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

```
.background{ background-color:#A6480D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor