

Converting Colors

Hex(A6600A)

Have a look what the booklet for
Hex(A6600A) contains.

Hex(A6600A)	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(A6600A)

Conversions

Conversions Part 1

Format	Color
Hex	A6600A
RGB	166, 96, 10
RGB Percent	65%, 38%, 4%
CMY	0.3490, 0.6235, 0.9608
CMYK	0.00, 0.42, 0.94, 0.35
HSL	33°, 89%, 35%
HSV	33°, 94%, 65%
XYZ	19.9635, 16.4946, 2.4188
YIQ	107.1260, 69.3260, -11.9060

Conversions

Conversions Part 2

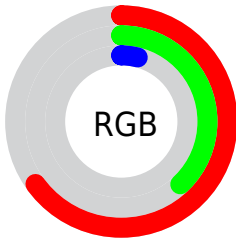
Format	Color
RYB	137, 166, 10
Decimal	10903562
CIELab	47.62, 23.00, 53.46
CIElCh	48, 58.201, 66.719
Yxy	16.4946, 0.5135, 0.4243
Android (android.graphics.Color)	4289093642 (0xFFA6600A)
YUV	107.1260, -47.8831, 51.6325
Hunter-Lab	40.6136, 16.6675, 24.8985

Details

The Hex color **A6600A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A50A6**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E29342**, and **6C3100** is the 20% darker color. If you saturate the color by 10%, you get **A65C00**, and if you desaturate by 10%, it is **A6671B**.

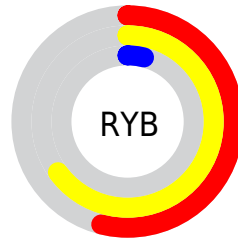
Distribution



Red (65%)

Green (38%)

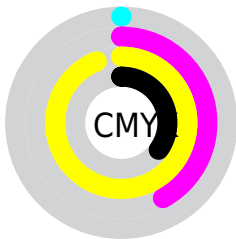
Blue (4%)



Red (54%)

Yellow (65%)

Blue (4%)

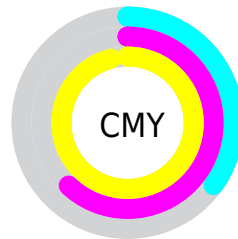


Cyan (0%)

Magenta (42%)

Yellow (94%)

Black (35%)



Cyan (35%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6600A 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 A6600A by changing the saturation by 10% instead.

 A6600A

 A6600A

FFFFFF

 894800

 E29342

 6C3100

 FFAE5C

 501B00

 FFC976

 340500

 FFE591

 1A0001

 FFFFAC

 000000

 FFFFC8

 FFFFEE

 A6600A

 A6600A

■ A65C00

■ A6671B

■ A66F2B

■ A6763C

■ A67E4C

■ A6855D

■ A68D6E

■ A6947E

■ A69C8F

■ A6A39F

Harmonies

Analogous

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



C14A39



A6600A



7E7200

Triad

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



A6600A



00877B



805FC0

Complementary

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



A6600A



0A50A6

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.



0073D3



A6600A



0086AB

Square

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



A6600A



008548



0080CB



B44799

Rectangle

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



A6600A



5D7B01



0080CB



6466C9

Sweetspot

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



A6600A



D9BE9C



A60A50



6E5D48



EDEDED



6E6E6E

Same Dimension

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



A6600A



D97700



9EA60A



54504C



945200



140B00

Inverse Universe

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



0A50A6



0061D9



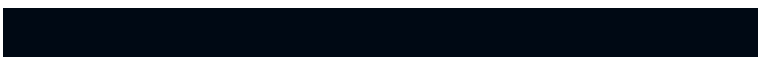
120AA6



4C5054



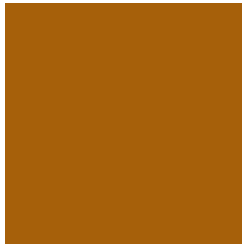
004294



000914

Previews

White Background



This preview shows how the Hex color A6600A looks on a white background.

Color Contrast Check

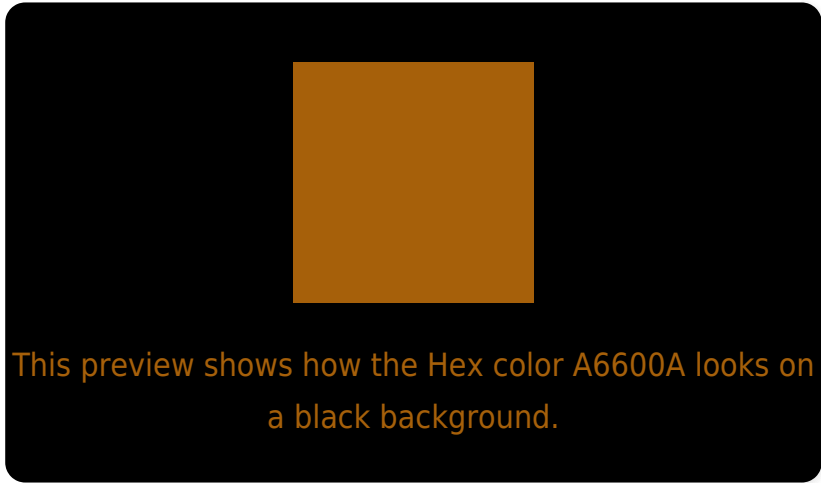
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6600A Background



This preview shows how black text looks on a background with the Hex color A6600A.



This preview shows how white text looks on a background with the Hex color A6600A.

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
A6600A

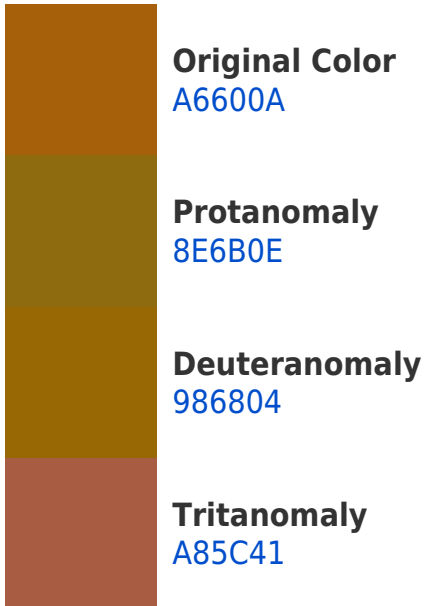
Protanopia
807210

Deuteranopia
906C00

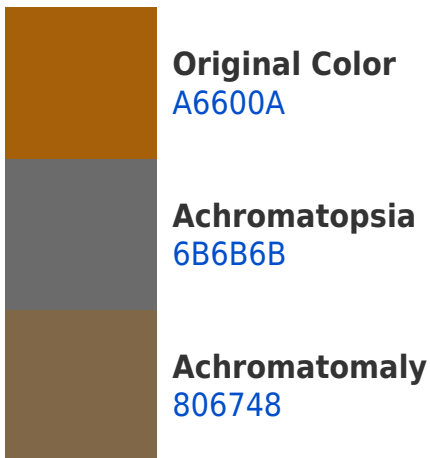


Tritanopia
A95960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6600A 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 #A6600A looks like.

```
.text, #text, p{  
    color:#A6600A  
}
```

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 #A6600A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6600A
}
```

Border

The CSS property to change the border of an element to Hex A6600A is called "border". The border property can be set on classes, ids or directly on the HTML element.

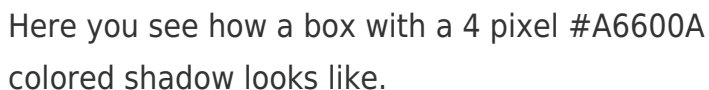
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6600A }
```

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

```
.border{ border-color:#A6600A }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #A6600A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6600A; -webkit-box-shadow:4px 4px  
4px 4px #A6600A; box-shadow:4px 4px 4px  
4px #A6600A }
```

Background

The CSS property to change the background color of an element to Hex A6600A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6600A }
```

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

```
.background{ background-color:#A6600A }
```

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