

Converting Colors

Hex(A66C03)

Have a look what the booklet for
Hex(A66C03) contains.

Hex(A66C03)	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>	28

Color

Hex(A66C03)

Conversions

Conversions Part 1

Format	Color
Hex	A66C03
RGB	166, 108, 3
RGB Percent	65%, 42%, 1%
CMY	0.3490, 0.5765, 0.9882
CMYK	0.00, 0.35, 0.98, 0.35
HSL	39°, 96%, 33%
HSV	39°, 98%, 65%
XYZ	21.1049, 18.8387, 2.6100
YIQ	113.3720, 68.2730, -20.3590

Conversions

Conversions Part 2

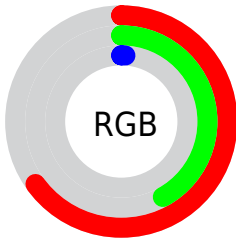
Format	Color
R_{YB}	93, 166, 3
Decimal	10906627
CIE Lab	50.50, 16.14, 56.98
CIE LCh	50, 59.228, 74.182
Yxy	18.8387, 0.4960, 0.4427
Android (android.graphics.Color)	4289096707 (0xFFA66C03)
YUV	113.3720, -54.4134, 46.1548
Hunter-Lab	43.4036, 10.8390, 26.8171

Details

The Hex color **A66C03** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **033DA6**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **E29F41**, and **6C3D00** is the 20% darker color. If you saturate the color by 10%, you get **A66B00**, and if you desaturate by 10%, it is **A67214**.

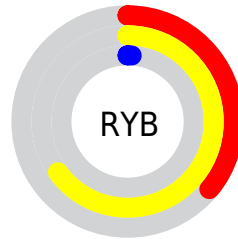
Distribution



Red (65%)

Green (42%)

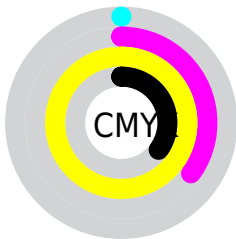
Blue (1%)



Red (36%)

Yellow (65%)

Blue (1%)

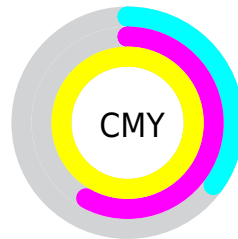


Cyan (0%)

Magenta (35%)

Yellow (98%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66C03 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 A66C03 by changing the saturation by 10% instead.

 A66C03

 A66C03

FFFFFF

 895400

 E29F41

 6C3D00

 FFBA5B

 502700

 FFD676

 361200

 FFF290

 1F0000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 A66C03

 A66C03

■ A66B00

■ A67214

■ A67824

■ A67E35

■ A68445

■ A68A56

■ A68F67

■ A69577

■ A69B88

■ A6A198

Harmonies

Analogous

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



C65633



A66C03



7A7D00

Triad

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



A66C03



00908F



985FC1

Complementary

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



A66C03



033DA6

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.



3776DB



A66C03



008DBE

Square

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



A66C03



008E5B



0085D9



C54995

Rectangle

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



A66C03



558518



0085D9



8167CC

Sweetspot

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



A66C03



D9C29A



A6033F



6E6047



EDEDED



6E6E6E

Same Dimension

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



A66C03



D98C00



90A603



54514C



945F00



140D00

Inverse Universe

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



033DA6



004DD9



1903A6



4C4F54



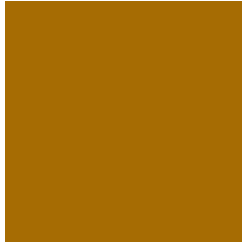
003594



000714

Previews

White Background



This preview shows how the Hex color A66C03 looks on a white background.

Color Contrast Check

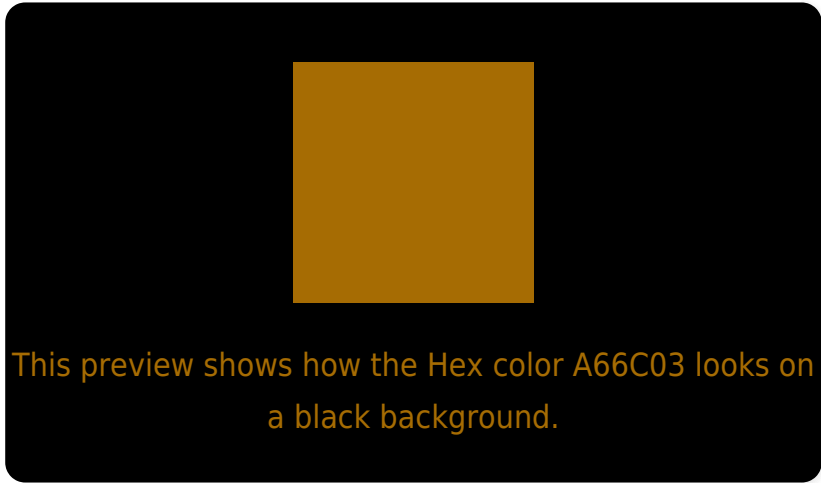
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A66C03 Background



This preview shows how black text looks on a background with the Hex color A66C03.



This preview shows how white text looks on a background with the Hex color A66C03.

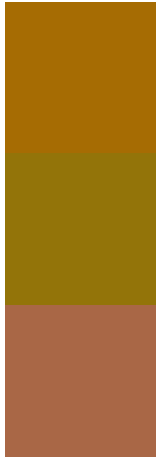
Color Blindness Simulation

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



Trichromacy



Original Color
A66C03

Protanomaly
937409

Tritanomaly
A96746

Monochromacy



Original Color
A66C03

Achromatopsia
717171

Achromatomaly
846F49

CSS Examples

Text

The CSS property to change the color of the text to Hex A66C03 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 #A66C03 looks like.

```
.text, #text, p{  
    color:#A66C03  
}
```

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 #A66C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66C03
}
```

Border

The CSS property to change the border of an element to Hex A66C03 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
#A66C03 }
```

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

```
.border{ border-color:#A66C03 }
```

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

Here you see how a box with a 4 pixel #A66C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66C03; -webkit-box-shadow:4px 4px  
4px 4px #A66C03; box-shadow:4px 4px 4px  
4px #A66C03 }
```

Background

The CSS property to change the background color of an element to Hex A66C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66C03 }
```

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

```
.background{ background-color:#A66C03 }
```

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