

Converting Colors

Hex(A66D09)

Have a look what the booklet for
Hex(A66D09) contains.

Hex(A66D09)	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(A66D09)

Conversions

Conversions Part 1

Format	Color
Hex	A66D09
RGB	166, 109, 9
RGB Percent	65%, 43%, 4%
CMY	0.3490, 0.5725, 0.9647
CMYK	0.00, 0.34, 0.95, 0.35
HSL	38°, 90%, 34%
HSV	38°, 95%, 65%
XYZ	21.2438, 19.0640, 2.8185
YIQ	114.6430, 66.0720, -19.0160

Conversions

Conversions Part 2

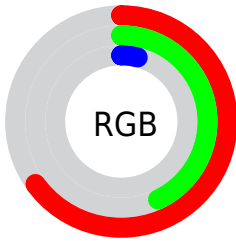
Format	Color
RYB	98, 166, 9
Decimal	10906889
CIELab	50.76, 15.67, 55.94
CIElCh	51, 58.097, 74.353
Yxy	19.0640, 0.4926, 0.4421
Android (android.graphics.Color)	4289096969 (0xFFA66D09)
YUV	114.6430, -52.0820, 45.0401
Hunter-Lab	43.6623, 10.4398, 26.7363

Details

The Hex color **A66D09** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0942A6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **E2A044**, and **6D3D00** is the 20% darker color. If you saturate the color by 10%, you get **A66A00**, and if you desaturate by 10%, it is **A6731A**.

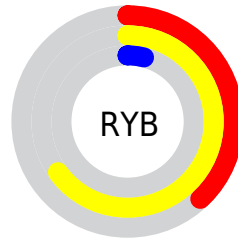
Distribution



Red (65%)

Green (43%)

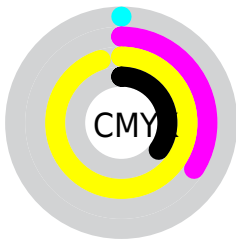
Blue (4%)



Red (38%)

Yellow (65%)

Blue (4%)

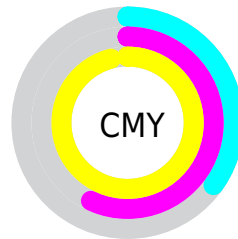


Cyan (0%)

Magenta (34%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (57%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66D09 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 A66D09 by changing the saturation by 10% instead.

 A66D09

 A66D09

FFFFFF

 895500

 E2A044

 6D3D00

 FFBB5E

 502800

 FFD778

 361300

 FFF493

 1F0000

 FFFF4F

 000000

 FFFF80

 FFFF80

 A66D09

 A66D09

■ A66A00

■ A6731A

■ A6792A

■ A67F3B

■ A6854B

■ A68B5C

■ A6916D

■ A6977D

■ A69D8E

■ A6A39E

Harmonies

Analogous

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



C55835



A66D09



7B7E00

Triad

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



A66D09



009090



9961C0

Complementary

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



A66D09



0942A6

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.



3C76D9



A66D09



008EBD

Square

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



A66D09



008E5C



0086D8



C54B95

Rectangle

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



A66D09



57861C



0086D8



8268CB

Sweetspot

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



A66D09



D9C39C



A60943



6E6048



EDEDED



6E6E6E

Same Dimension

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



A66D09



D98A00



91A609



54514C



945E00



140D00

Inverse Universe

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



0942A6



004FD9



1E09A6



4C4F54



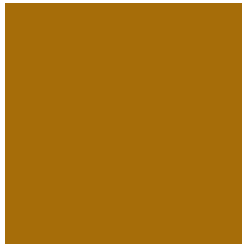
003694



000714

Previews

White Background



This preview shows how the Hex color A66D09 looks on a white background.

Color Contrast Check

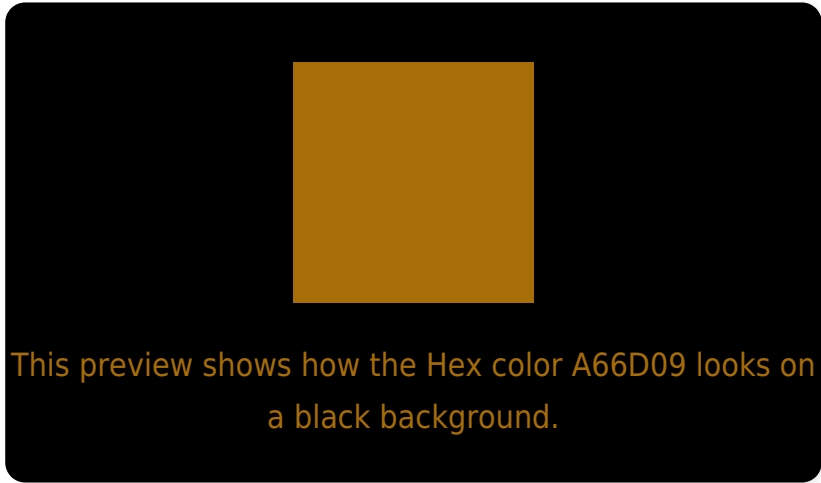
Large Text (above 18pt) WCAG AA ✓ Pass

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 A66D09 Background



This preview shows how black text looks on a background with the Hex color A66D09.



This preview shows how white text looks on a background with the Hex color A66D09.

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
A66D09

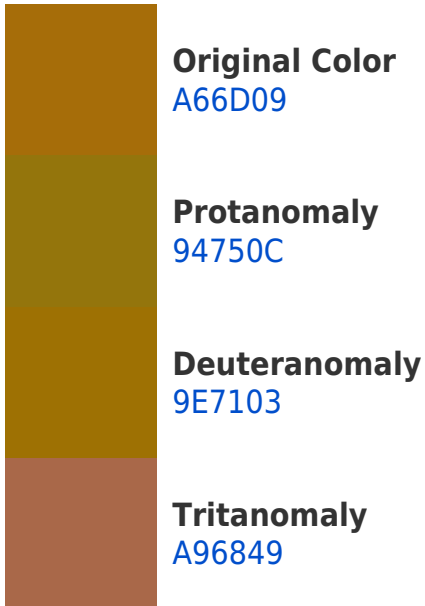
Protanopia
897A0E

Deuteranopia
997300

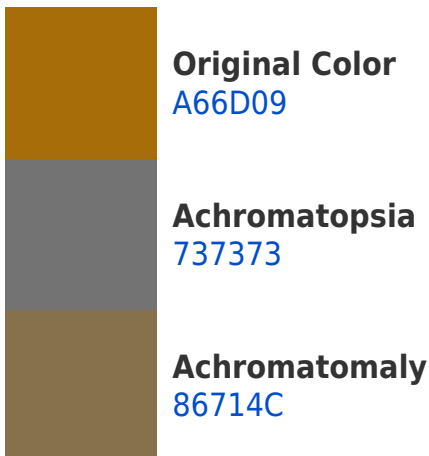


Tritanopia
AA656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66D09 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 #A66D09 looks like.

```
.text, #text, p{  
    color:#A66D09  
}
```

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 #A66D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66D09
}
```

Border

The CSS property to change the border of an element to Hex A66D09 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
#A66D09 }
```

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

```
.border{ border-color:#A66D09 }
```

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

Here you see how a box with a 4 pixel #A66D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66D09; -webkit-box-shadow:4px 4px  
4px 4px #A66D09; box-shadow:4px 4px 4px  
4px #A66D09 }
```

Background

The CSS property to change the background color of an element to Hex A66D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66D09 }
```

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

```
.background{ background-color:#A66D09 }
```

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