

Converting Colors

Hex(A66E1C)

Have a look what the booklet for
Hex(A66E1C) contains.

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Color

Hex(A66E1C)

Conversions

Conversions Part 1

Format	Color
Hex	A66E1C
RGB	166, 110, 28
RGB Percent	65%, 43%, 11%
CMY	0.3490, 0.5686, 0.8902
CMYK	0.00, 0.34, 0.83, 0.35
HSL	36°, 71%, 38%
HSV	36°, 83%, 65%
XYZ	21.5114, 19.3427, 3.6983
YIQ	117.3960, 59.6980, -13.6300

Conversions

Conversions Part 2

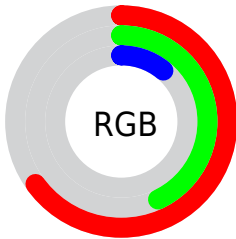
Format	Color
R _Y B	122, 166, 28
Decimal	10907164
CIE Lab	51.09, 15.54, 50.89
CIE LCh	51, 53.215, 73.018
Yxy	19.3427, 0.4828, 0.4342
Android (android.graphics.Color)	4289097244 (0xFFA66E1C)
YUV	117.3960, -44.0722, 42.6257
Hunter-Lab	43.9803, 10.3414, 25.8005

Details

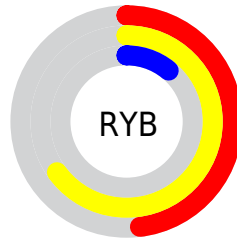
The Hex color **A66E1C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1C54A6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E1A250**, and **6D3E00** is the 20% darker color. If you saturate the color by 10%, you get **A6670B**, and if you desaturate by 10%, it is **A6752D**.

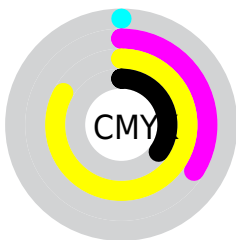
Distribution



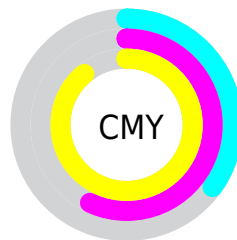
- Red (65%)
- Green (43%)
- Blue (11%)



- Red (48%)
- Yellow (65%)
- Blue (11%)



- Cyan (0%)
- Magenta (34%)
- Yellow (83%)
- Black (35%)



- Cyan (35%)
- Magenta (57%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66E1C 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 A66E1C by changing the saturation by 10% instead.

 A66E1C

 A66E1C


FFFFFF

 895600

 E1A250

 6D3E00

 FFBD69

 512800

 FFD884

 361400

 FFF59F

 200000

 FFFFBA

 000000

 FFFFDD

 FFFFF3

 A66E1C

 A66E1C

■ A6670B

■ A6752D

■ A66300

■ A67B3D

■ A6824E

■ A6895E

■ A6906F

■ A69680

■ A69D90

■ A6A4A1

■ A6ABB1

Harmonies

Analogous

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



C25B3D



A66E1C



7E7E14

Triad

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



A66E1C



008F8D



9565BD

Complementary

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



A66E1C



1C54A6

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.



4378D3



A66E1C



008DB7

Square

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



A66E1C



008E5D



0086D0



BF5395

Rectangle

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



A66E1C



5E8526



0086D0



806CC6

Sweetspot

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



A66E1C



D9C3A3



A61C55



6E604D



EDEDED



6E6E6E

Same Dimension

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



A66E1C



D98100



9BA61C



54514C



945800



140C00

Inverse Universe

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



1C54A6



0058D9



281CA6



4C4F54



003C94



000814

Previews

White Background



This preview shows how the Hex color A66E1C looks on a white background.

Color Contrast Check

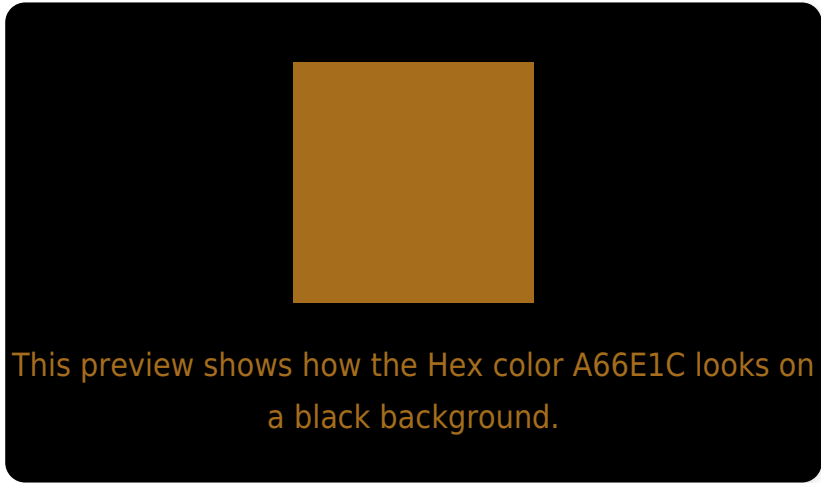
Large Text (above 18pt) WCAG AA ✓ Pass

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

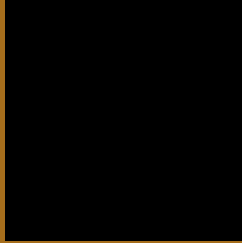
Any Text WCAG AA ✓ Pass

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 A66E1C Background



This preview shows how black text looks on a background with the Hex color A66E1C.



This preview shows how white text looks on a background with the Hex color A66E1C.

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
A66E1C

Protanopia
897A1F

Deuteranopia
9A7419

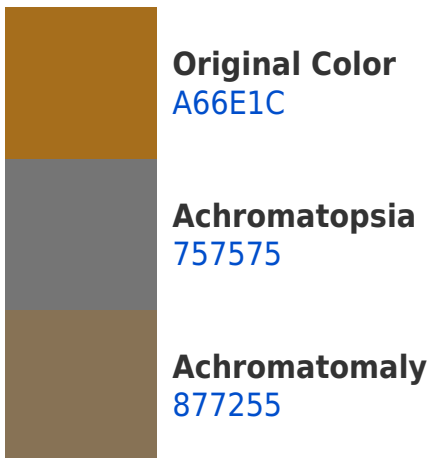


Tritanopia
AA676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66E1C 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 #A66E1C looks like.

```
.text, #text, p{  
    color:#A66E1C  
}
```

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 #A66E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66E1C }  
}
```

Border

The CSS property to change the border of an element to Hex A66E1C 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 #A66E1C }  
}
```

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

```
.border{ border-color:#A66E1C }
```

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

Here you see how a box with a 4 pixel #A66E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66E1C; -webkit-box-shadow:4px 4px  
4px 4px #A66E1C; box-shadow:4px 4px 4px  
4px #A66E1C }
```

Background

The CSS property to change the background color of an element to Hex A66E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66E1C }
```

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

```
.background{ background-color:#A66E1C }
```

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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