

Converting Colors

Hex(A6BF0C)

Have a look what the booklet for
Hex(A6BF0C) contains.

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Color

Hex(A6BF0C)

Conversions

Conversions Part 1

Format	Color
Hex	A6BF0C
RGB	166, 191, 12
RGB Percent	65%, 75%, 5%
CMY	0.3490, 0.2510, 0.9529
CMYK	0.13, 0.00, 0.94, 0.25
HSL	68°, 88%, 40%
HSV	68°, 94%, 75%
XYZ	34.4230, 45.3951, 7.2957
YIQ	163.1190, 42.5590, -60.9690

Conversions

Conversions Part 2

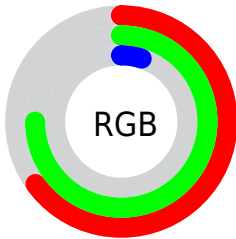
Format	Color
RYB	12, 191, 37
Decimal	10927884
CIELab	73.15, -27.87, 72.48
CIELCh	73, 77.650, 111.034
Yxy	45.3951, 0.3952, 0.5211
Android (android.graphics.Color)	4289117964 (0xFFA6BF0C)
YUV	163.1190, -74.5017, 2.5266
Hunter-Lab	67.3759, -26.7104, 40.7430

Details

The Hex color **A6BF0C** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **250CBF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E1F754**, and **6D8A00** is the 20% darker color. If you saturate the color by 10%, you get **A4BF00**, and if you desaturate by 10%, it is **A9BF1F**.

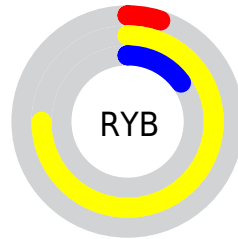
Distribution



Red (65%)

Green (75%)

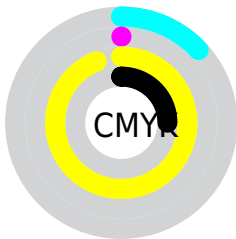
Blue (5%)



Red (5%)

Yellow (75%)

Blue (15%)

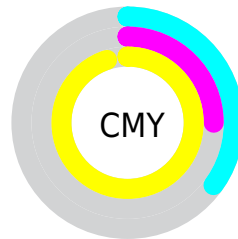


Cyan (13%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (35%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BF0C 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 A6BF0C by changing the saturation by 10% instead.

 A6BF0C

 A6BF0C

FFFFFF

 89A400

 E1F754

 6D8A00

 FFFF71

 527000

 FFFF8E

 365800

 FFFFAA

 194000

 FFFFC7

 002A00

 FFFF E4

 001300

 000000

 A6BF0C

 A6BF0C

 A4BF00

 A9BF1F

 ABBF32

 AEBF45

 B1BF58

 B3BF6C

 B6BF7F

 B9BF92

 BBBFA5

 BEBFB8

Harmonies

Analogous

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



E8A900



A6BF0C



46CD54

Triad

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



A6BF0C



00D0FF



FF6ECC

Complementary

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



A6BF0C



250CBF

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.



F489FF



A6BF0C



00C2FF

Square

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



A6BF0C



00D5E5



87AAFF



FF7085

Rectangle

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



A6BF0C



00D283



87AAFF



FF75E4

Sweetspot

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



A6BF0C



EEF7B2



BF240C



777D52



FCFCFC



7D7D7D

Same Dimension

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



A6BF0C



D5F700



4EBF0C



5D5E55



889E00



1A1F00

Inverse Universe

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



250CBF



2300F7



7D0CBF



56555E



16009E



04001F

Previews

White Background



This preview shows how the Hex color A6BF0C looks on a white background.

Color Contrast Check

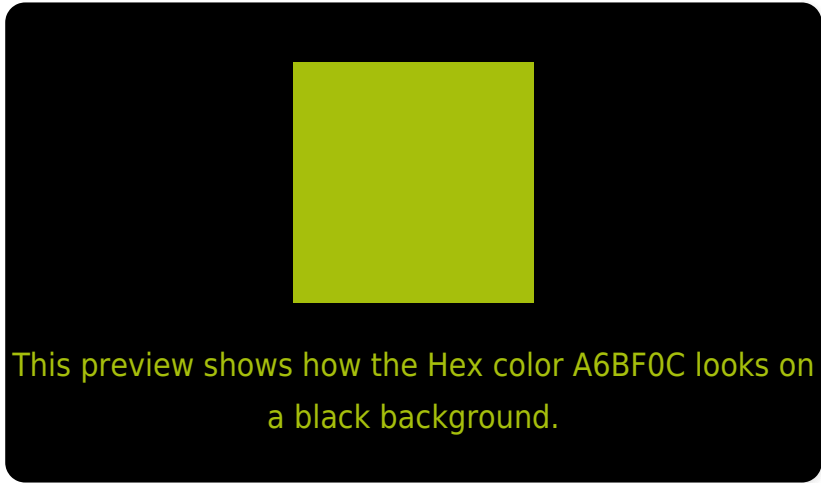
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex A6BF0C Background



This preview shows how black text looks on a background with the Hex color A6BF0C.

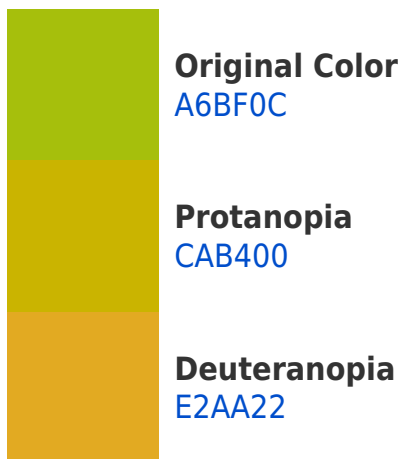


This preview shows how white text looks on a background with the Hex color A6BF0C.

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](#).

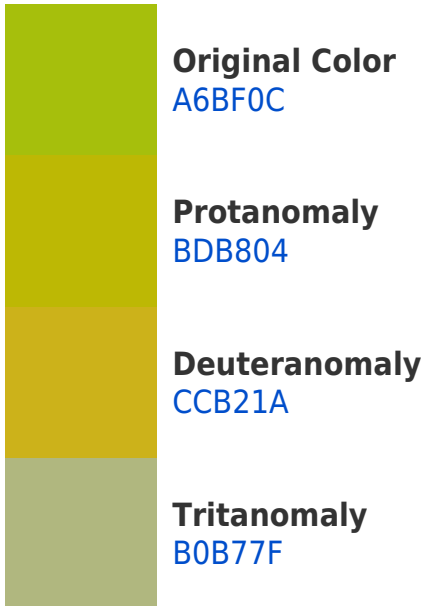
Dichromacy



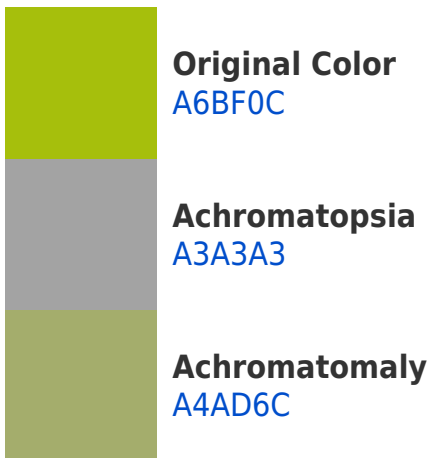


Tritanopia
B5B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BF0C 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 #A6BF0C looks like.

```
.text, #text, p{  
    color:#A6BF0C  
}
```

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 #A6BF0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BF0C
}
```

Border

The CSS property to change the border of an element to Hex A6BF0C 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
#A6BF0C }
```

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

```
.border{ border-color:#A6BF0C }
```

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

Here you see how a box with a 4 pixel #A6BF0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BF0C; -webkit-box-shadow:4px 4px  
4px 4px #A6BF0C; box-shadow:4px 4px 4px  
4px #A6BF0C }
```

Background

The CSS property to change the background color of an element to Hex A6BF0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BF0C }
```

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

```
.background{ background-color:#A6BF0C }
```

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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