

# Converting Colors

Hex(A6BE1D)

Have a look what the booklet for  
Hex(A6BE1D) contains.

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# Color

**Hex(A6BE1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6BE1D
RGB	166, 190, 29
RGB Percent	65%, 75%, 11%
CMY	0.3490, 0.2549, 0.8863
CMYK	0.13, 0.00, 0.85, 0.25
HSL	69°, 74%, 43%
HSV	69°, 85%, 75%
XYZ	34.3611, 45.0226, 8.0416
YIQ	164.4700, 37.3770, -55.1590

# Conversions

## Conversions Part 2

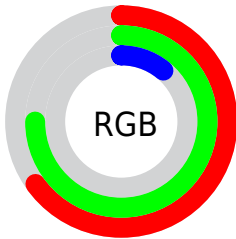
Format	Color
R <sub>Y</sub> B	29, 190, 53
Decimal	10927645
CIE Lab	72.91, -27.03, 69.38
CIE LCh	73, 74.455, 111.287
Yxy	45.0226, 0.3930, 0.5150
Android (android.graphics.Color)	4289117725 (0xFFA6BE1D)
YUV	164.4700, -66.7867, 1.3418
Hunter-Lab	67.0989, -26.0138, 39.8635

# Details

The Hex color **A6BE1D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **351DBE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E0F65C**, and **6E8900** is the 20% darker color. If you saturate the color by 10%, you get **A3BE0A**, and if you desaturate by 10%, it is **A9BE30**.

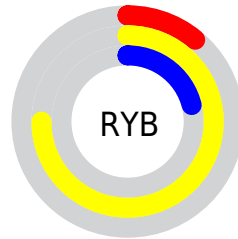
# Distribution



Red (65%)

Green (75%)

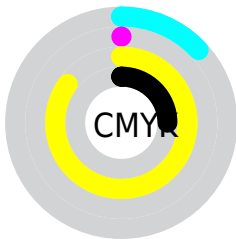
Blue (11%)



Red (11%)

Yellow (75%)

Blue (21%)

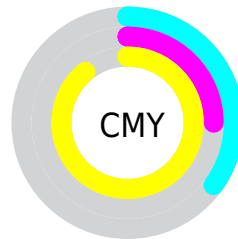


Cyan (13%)

Magenta (0%)

Yellow (85%)

Black (25%)



Cyan (35%)

Magenta (25%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6BE1D 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 A6BE1D by changing the saturation by 10% instead.



 A6BE1D

 A6BE1D

FFFFFF

 8AA300

 E0F65C

 6E8900

 FEFF78

 526F00

 FFFF94

 375700

 FFFFB1

 1A3F00

 FFFFCD

 002900

 FFFFEB

 001200

 000000

 A6BE1D

 A6BE1D

 A3BE0A

 A9BE30

 A2BE00

 ACBE43

 AEBE56

 B1BE69

 B4BE7C

 B7BE8F

 BABEA2

 BDBEB5

 BFBEC8

# Harmonies

## Analogous

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



E5A914



A6BE1D



4CCB58

# Triad

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



A6BE1D



00CEFF



FF72CA

# Complementary

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



A6BE1D



351DBE

# 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.



F28BFF



A6BE1D



00C1FF

# Square

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



A6BE1D



00D3E3



8BA9FF



FF7386

# Rectangle

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



A6BE1D



00D085



8BA9FF



FF78E0



# Sweetspot

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



A6BE1D



EEF7BA



BE321D



777D57



FCFCFC



7D7D7D



# Same Dimension

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



A6BE1D



D2F700



58BE1D



5D5E55



879E00



1A1F00



# Inverse Universe

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



351DBE



2500F7



831DBE



56555E



18009E



05001F



# Previews

## White Background



This preview shows how the Hex color A6BE1D looks on a white background.

## Color Contrast Check

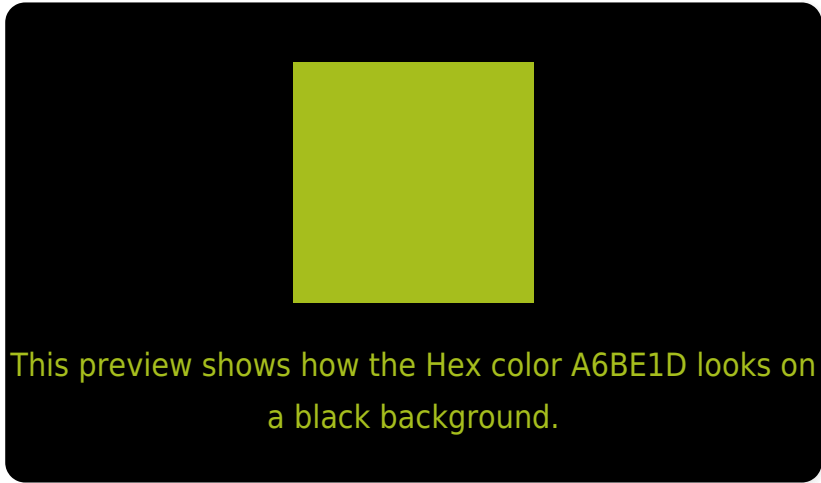
Large Text (above 18pt) WCAG AA × Fail

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 A6BE1D Background



This preview shows how black text looks on a background with the Hex color A6BE1D.



This preview shows how white text looks on a background with the Hex color A6BE1D.

# 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**  
A6BE1D

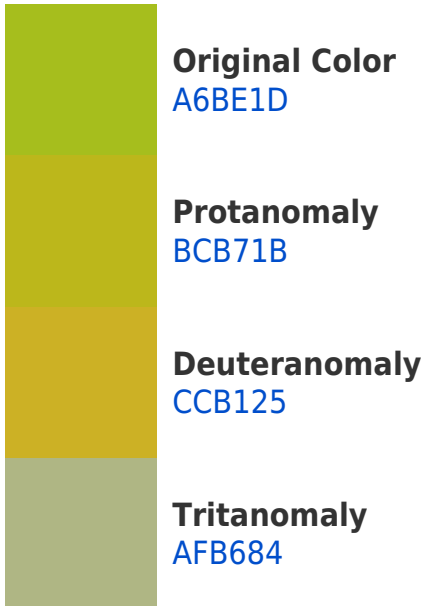
**Protanopia**  
C9B31A

**Deuteranopia**  
E1A92A

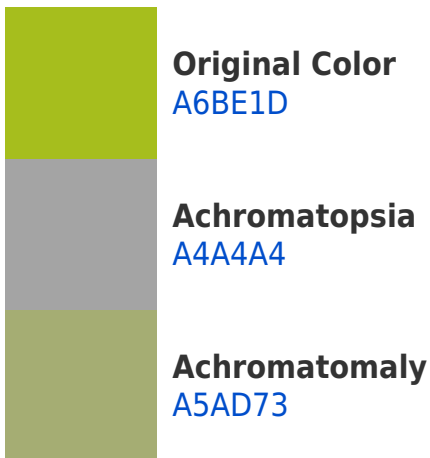


**Tritanopia**  
B4B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6BE1D 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 #A6BE1D looks like.

```
.text, #text, p{  
    color:#A6BE1D  
}
```

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 #A6BE1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BE1D
}
```

## Border

The CSS property to change the border of an element to Hex A6BE1D 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
#A6BE1D }
```

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

```
.border{ border-color:#A6BE1D }
```

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

Here you see how a box with a 4 pixel #A6BE1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BE1D; -webkit-box-shadow:4px 4px  
4px 4px #A6BE1D; box-shadow:4px 4px 4px  
4px #A6BE1D }
```

# Background

The CSS property to change the background color of an element to Hex A6BE1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BE1D }
```

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

```
.background{ background-color:#A6BE1D }
```

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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