

Converting Colors

Hex(A6BD00)

Have a look what the booklet for
Hex(A6BD00) contains.

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Color

Hex(A6BD00)

Conversions

Conversions Part 1

Format	Color
Hex	A6BD00
RGB	166, 189, 0
RGB Percent	65%, 74%, 0%
CMY	0.3490, 0.2588, 1.0000
CMYK	0.12, 0.00, 1.00, 0.26
HSL	67°, 100%, 37%
HSV	67°, 100%, 74%
XYZ	33.9235, 44.5022, 6.8018
YIQ	160.5770, 46.9610, -63.6550

Conversions

Conversions Part 2

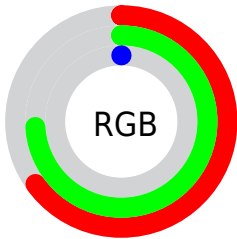
Format	Color
RYB	0, 189, 23
Decimal	10927360
CIELab	72.56, -27.07, 73.34
CIELCh	73, 78.173, 110.258
Yxy	44.5022, 0.3980, 0.5222
Android (android.graphics.Color)	4289117440 (0xFFA6BD00)
YUV	160.5770, -79.1645, 4.7560
Hunter-Lab	66.7100, -25.9712, 40.6517

Details

The Hex color **A6BD00** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1700BD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E1F551**, and **6D8800** is the 20% darker color. If you saturate the color by 10%, you get **A6BD00**, and if you desaturate by 10%, it is **A8BD13**.

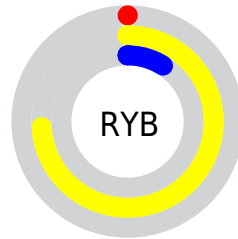
Distribution



Red (65%)

Green (74%)

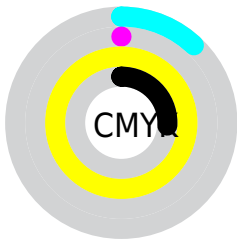
Blue (0%)



Red (0%)

Yellow (74%)

Blue (9%)

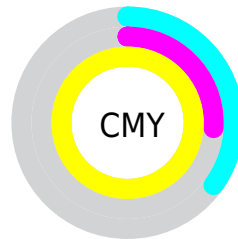


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (35%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BD00 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 A6BD00 by changing the saturation by 10% instead.

 A6BD00

 A6BD00

FFFFFF

 89A200

 E1F551

 6D8800

 FFFF6D

 526E00

 FFFF8A

 365600

 FFFFA6

 193F00

 FFFFC3

 002800

 FFFF E1

 001000

FFFFFFE

 000000

 A6BD00

 A8BD13

 ABBD26

 ADBD39

 AFBD4C

 B2BD5F

 B4BD71

 B6BD84

 B8BD97

 BBBDAA

Harmonies

Analogous

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



E8A600



A6BD00



47CB50

Triad

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



A6BD00



00CEFF



FF6CCD

Complementary

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



A6BD00



1700BD

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.



F188FF



A6BD00



00C1FF

Square

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



A6BD00



00D3E2



80A9FF



FF6D85

Rectangle

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



A6BD00



00D07F



80A9FF



FF73E4

Sweetspot

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



A6BD00



ECF5AB



BD1600



757A4E



FAFAFA



7A7A7A

Same Dimension

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



A6BD00



D7F500



48BD00



5D5E55



8B9E00



1B1F00

Inverse Universe

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



1700BD



1E00F5



7500BD



56555E



13009E



04001F

Previews

White Background



This preview shows how the Hex color A6BD00 looks on a white background.

Color Contrast Check

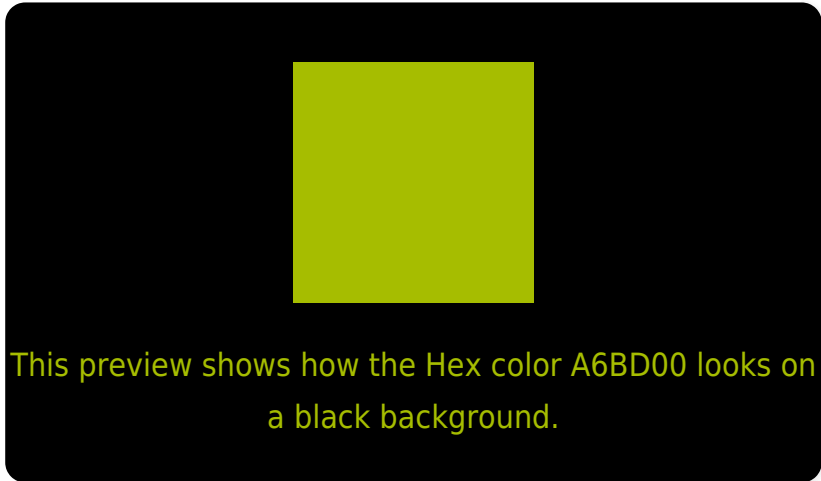
Large Text (above 18pt) WCAG AA × Fail

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 A6BD00 Background



This preview shows how black text looks on a background with the Hex color A6BD00.

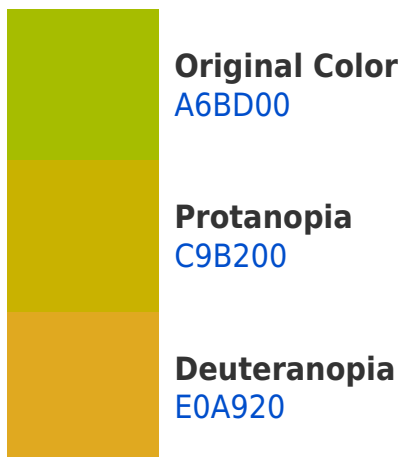


This preview shows how white text looks on a background with the Hex color A6BD00.

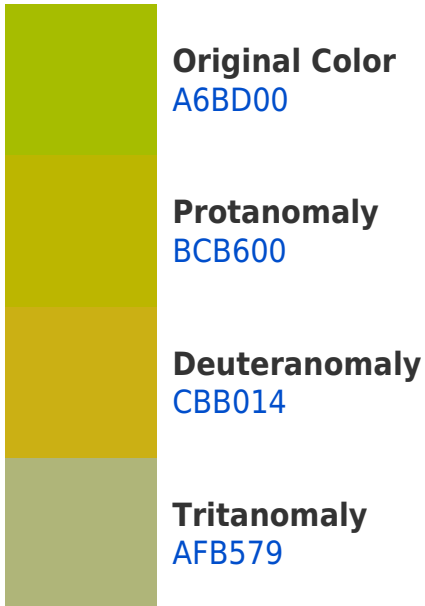
Color Blindness Simulation

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](#).

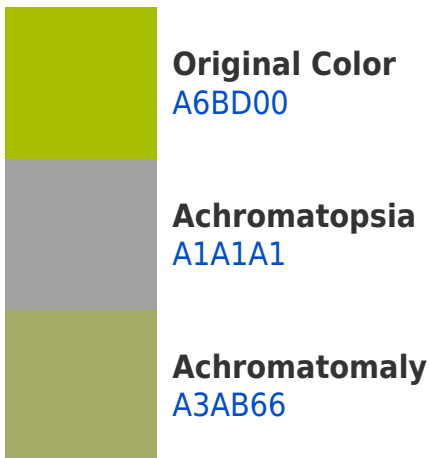
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BD00 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 #A6BD00 looks like.

```
.text, #text, p{  
    color:#A6BD00  
}
```

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 #A6BD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BD00
}
```

Border

The CSS property to change the border of an element to Hex A6BD00 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
#A6BD00 }
```

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

```
.border{ border-color:#A6BD00 }
```

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

Here you see how a box with a 4 pixel #A6BD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BD00; -webkit-box-shadow:4px 4px  
4px 4px #A6BD00; box-shadow:4px 4px 4px  
4px #A6BD00 }
```

Background

The CSS property to change the background color of an element to Hex A6BD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BD00 }
```

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

```
.background{ background-color:#A6BD00 }
```

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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