

Converting Colors

Hex(A6BA00)

Have a look what the booklet for
Hex(A6BA00) contains.

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Color

Hex(A6BA00)

Conversions

Conversions Part 1

Format	Color
Hex	A6BA00
RGB	166, 186, 0
RGB Percent	65%, 73%, 0%
CMY	0.3490, 0.2706, 1.0000
CMYK	0.11, 0.00, 1.00, 0.27
HSL	66°, 100%, 36%
HSV	66°, 100%, 73%
XYZ	33.2848, 43.2248, 6.5889
YIQ	158.8160, 47.7860, -62.0860

Conversions

Conversions Part 2

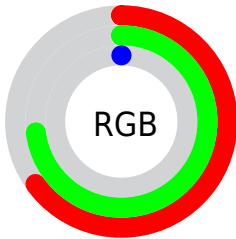
Format	Color
RYB	0, 186, 20
Decimal	10926592
CIELab	71.71, -25.62, 72.70
CIELCh	72, 77.081, 109.412
Yxy	43.2248, 0.4005, 0.5202
Android (android.graphics.Color)	4289116672 (0xFFA6BA00)
YUV	158.8160, -78.2963, 6.3004
Hunter-Lab	65.7456, -24.6862, 40.0799

Details

The Hex color **A6BA00** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1400BA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **E1F250**, and **6D8500** is the 20% darker color. If you saturate the color by 10%, you get **A6BA00**, and if you desaturate by 10%, it is **A8BA13**.

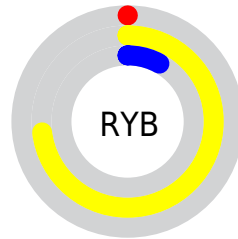
Distribution



Red (65%)

Green (73%)

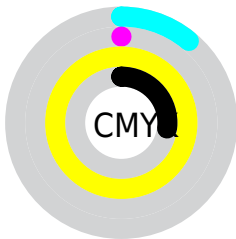
Blue (0%)



Red (0%)

Yellow (73%)

Blue (8%)

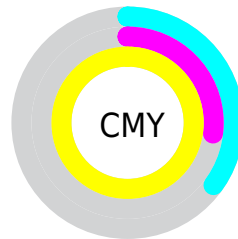


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BA00 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 A6BA00 by changing the saturation by 10% instead.

 A6BA00

 A6BA00

FFFFFF

 899F00

 E1F250

 6D8500

 FFFF6D

 526C00

 FFFF89

 365300

 FFFFA6

 1A3C00

 FFFFC2

 002600

 FFFFEO

 000C00

 FFFFFD

 000000

 A6BA00

 A8BA13

 AABA25

 ACBA38

 AEBA4A

 B0BA5D

 B2BA70

 B4BA82

 B6BA95

 B8BAA7

Harmonies

Analogous

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



E6A300



A6BA00



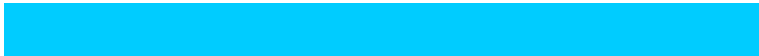
4AC84D

Triad

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



A6BA00



00CCFF



FF6BCC

Complementary

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



A6BA00



1400BA

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.



EB87FF



A6BA00



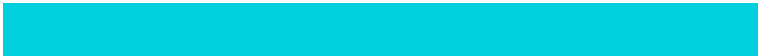
00BFFF

Square

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



A6BA00



00D0DD



7AA8FF



FF6B85

Rectangle

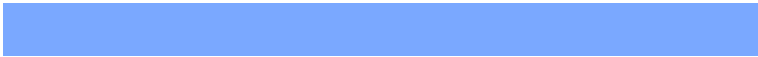
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A6BA00



00CD7B



7AA8FF



FF73E3

Sweetspot

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



A6BA00



EAF2AA



BA1300



767A4E



FAFAFA



7A7A7A

Same Dimension

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



A6BA00



D8F200



4ABA00



5B5C53



8B9C00



191C00

Inverse Universe

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



1400BA



1A00F2



7000BA



54535C



11009C



03001C

Previews

White Background



This preview shows how the Hex color A6BA00 looks on a white background.

Color Contrast Check

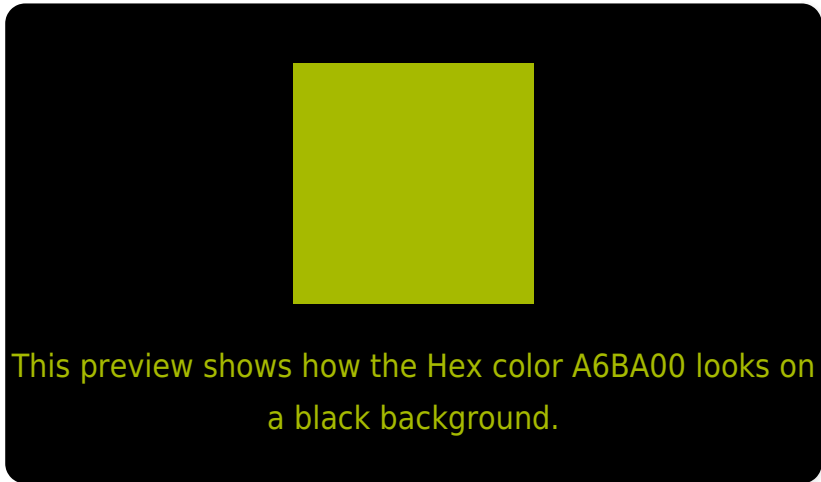
Large Text (above 18pt) WCAG AA × Fail

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 A6BA00 Background



This preview shows how black text looks on a background with the Hex color A6BA00.



This preview shows how white text looks on a background with the Hex color A6BA00.

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
A6BA00

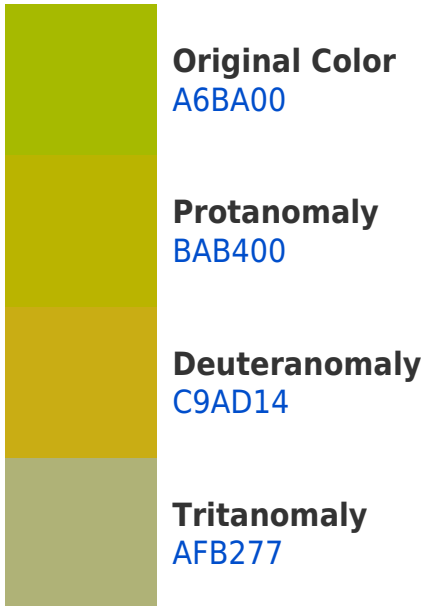
Protanopia
C6B000

Deuteranopia
DDA61F

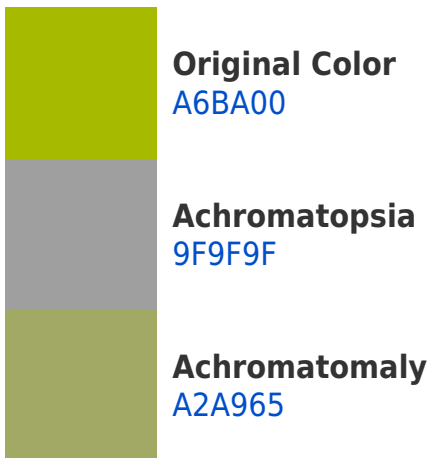


Tritanopia
B4ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BA00 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 #A6BA00 looks like.

```
.text, #text, p{  
    color:#A6BA00  
}
```

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 #A6BA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BA00  
}
```

Border

The CSS property to change the border of an element to Hex A6BA00 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  
#A6BA00 }
```

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

```
.border{ border-color:#A6BA00 }
```

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

Here you see how a box with a 4 pixel #A6BA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BA00; -webkit-box-shadow:4px 4px  
4px 4px #A6BA00; box-shadow:4px 4px 4px  
4px #A6BA00 }
```

Background

The CSS property to change the background color of an element to Hex A6BA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BA00 }
```

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

```
.background{ background-color:#A6BA00 }
```

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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