

Converting Colors

Hex(6BAD00)

Have a look what the booklet for
Hex(6BAD00) contains.

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Color

Hex(6BAD00)

Conversions

Conversions Part 1

Format	Color
Hex	6BAD00
RGB	107, 173, 0
RGB Percent	42%, 68%, 0%
CMY	0.5804, 0.3216, 1.0000
CMYK	0.38, 0.00, 1.00, 0.32
HSL	83°, 100%, 34%
HSV	83°, 100%, 68%
XYZ	21.0070, 33.0129, 5.2650
YIQ	133.5440, 16.1970, -67.7950

Conversions

Conversions Part 2

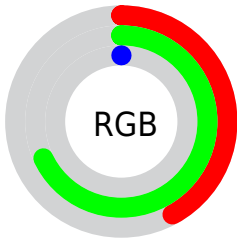
Format	Color
RYB	0, 173, 66
Decimal	7056640
CIELab	64.17, -43.26, 65.36
CIELCh	64, 78.383, 123.499
Yxy	33.0129, 0.3543, 0.5569
Android (android.graphics.Color)	4285246720 (0xFF6BAD00)
YUV	133.5440, -65.8372, -23.2791
Hunter-Lab	57.4569, -35.2877, 34.7869

Details

The Hex color **6BAD00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4200AD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A4E54C**, and **317800** is the 20% darker color. If you saturate the color by 10%, you get **6BAD00**, and if you desaturate by 10%, it is **72AD11**.

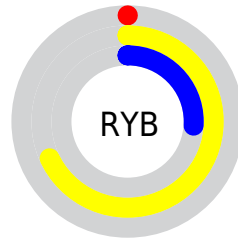
Distribution



Red (42%)

Green (68%)

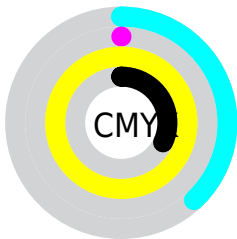
Blue (0%)



Red (0%)

Yellow (68%)

Blue (26%)

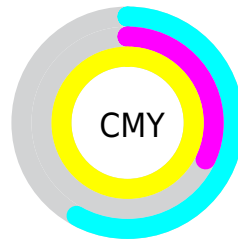


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAD00 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 6BAD00 by changing the saturation by 10% instead.

 6BAD00

 6BAD00

FFFFFF

 4E9200

 A4E54C

 317800

 C1FF68

 0B5F00

 DEFF84

 004600

 FCFFA0

 002F00

 FFFFBC

 001700

 FFFFD9

 000000

 FFFFF6

 6BAD00

 72AD11

 78AD23

 7FAD34

 85AD45

 8CAD57

 93AD68

 99AD79

 A0AD8A

 A6AD9C

Harmonies

Analogous

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



B39B00



6BAD00



00B759

Triad

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



6BAD00



00B3FF



FF4C96

Complementary

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



6BAD00



4200AD

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.



F561DB



6BAD00



00A2FF

Square

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



6BAD00



00BAE7



A385FF



FF5E52

Rectangle

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



6BAD00



00BA89



A385FF



FF4FAE

Sweetspot

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



6BAD00



C7E09D



AD3F00



617048



F0F0F0



707070

Same Dimension

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



6BAD00



8BE000



17AD00



53574E



5D9600



0E1700

Inverse Universe

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



4200AD



5600E0



9600AD



514E57



390096



090017

Previews

White Background



This preview shows how the Hex color 6BAD00 looks on a white background.

Color Contrast Check

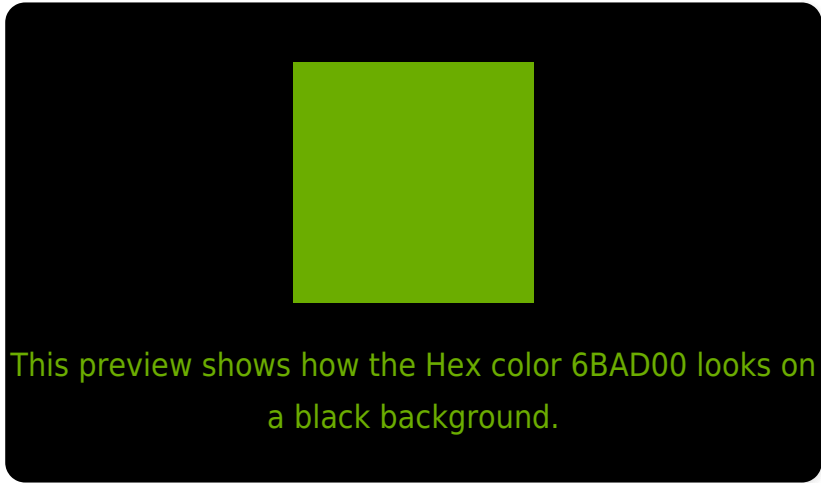
Large Text (above 18pt) WCAG AA × Fail

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 6BAD00 Background



This preview shows how black text looks on a background with the Hex color 6BAD00.

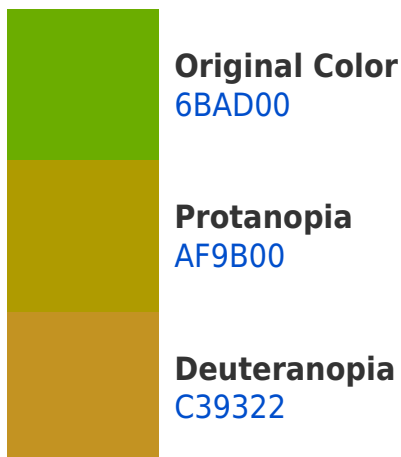


This preview shows how white text looks on a background with the Hex color 6BAD00.

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](#).

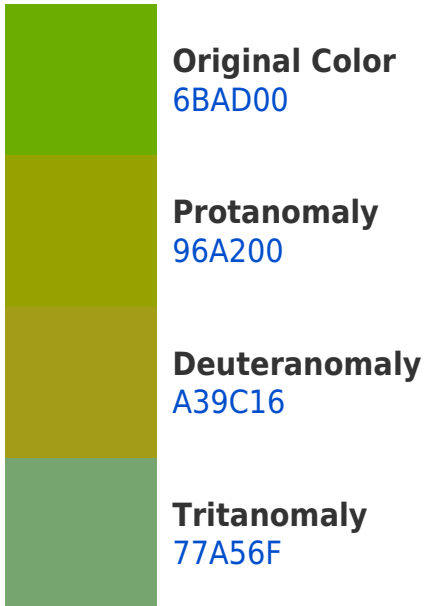
Dichromacy





Tritanopia
7EA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAD00 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 #6BAD00 looks like.

```
.text, #text, p{  
    color:#6BAD00  
}
```

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 #6BAD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAD00
}
```

Border

The CSS property to change the border of an element to Hex 6BAD00 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
#6BAD00 }
```

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

```
.border{ border-color:#6BAD00 }
```

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

Here you see how a box with a 4 pixel #6BAD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAD00; -webkit-box-shadow:4px 4px  
4px 4px #6BAD00; box-shadow:4px 4px 4px  
4px #6BAD00 }
```

Background

The CSS property to change the background color of an element to Hex 6BAD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAD00 }
```

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

```
.background{ background-color:#6BAD00 }
```

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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