

Converting Colors

Hex(6EAB00)

Have a look what the booklet for
Hex(6EAB00) contains.

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Color

Hex(6EAB00)

Conversions

Conversions Part 1

Format	Color
Hex	6EAB00
RGB	110, 171, 0
RGB Percent	43%, 67%, 0%
CMY	0.5686, 0.3294, 1.0000
CMYK	0.36, 0.00, 1.00, 0.33
HSL	81°, 100%, 34%
HSV	81°, 100%, 67%
XYZ	20.9933, 32.4408, 5.1552
YIQ	133.2670, 18.5350, -66.1130

Conversions

Conversions Part 2

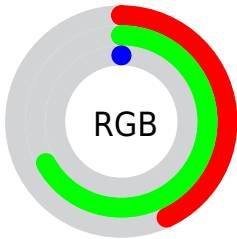
Format	Color
RYB	0, 171, 61
Decimal	7252736
CIELab	63.71, -41.32, 65.07
CIELCh	64, 77.080, 122.415
Yxy	32.4408, 0.3583, 0.5537
Android (android.graphics.Color)	4285442816 (0xFF6EAB00)
YUV	133.2670, -65.7006, -20.4052
Hunter-Lab	56.9568, -33.8824, 34.5034

Details

The Hex color **6EAB00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D00AB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A7E34B**, and **357600** is the 20% darker color. If you saturate the color by 10%, you get **6EAB00**, and if you desaturate by 10%, it is **74AB11**.

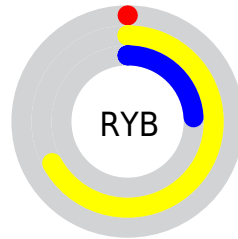
Distribution



Red (43%)

Green (67%)

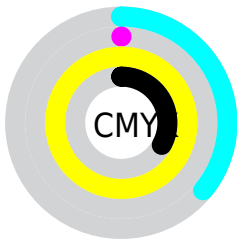
Blue (0%)



Red (0%)

Yellow (67%)

Blue (24%)

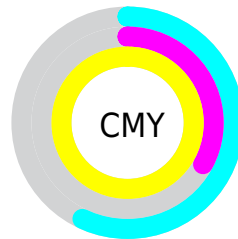


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EAB00 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 6EAB00 by changing the saturation by 10% instead.

 6EAB00

 6EAB00

FFFFFF

 529000

 A7E34B

 357600

 C4FF67

 135D00

 E1FF83

 004500

 FFFF9F

 002E00

 FFFFBC

 001500

 FFFFD8

 000000

 FFFFF6

 6EAB00

 74AB11

 7AAB22

 80AB33

 86AB44

 8CAB55

 93AB67

 99AB78

 9FAB89

 A5AB9A

Harmonies

Analogous

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



B49900



6EAB00



00B556

Triad

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



6EAB00



00B2FF



FF4D98

Complementary

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



6EAB00



3D00AB

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.



F062DB



6EAB00



00A1FF

Square

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



6EAB00



00B8E3



9E85FF



FF5E55

Rectangle

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



6EAB00



00B886



9E85FF



FF50AF

Sweetspot

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



6EAB00



C6DE9B



AB3C00



627048



F0F0F0



707070

Same Dimension

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



6EAB00



8FDE00



1AAB00



54574E



619600



0F1700

Inverse Universe

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



3D00AB



4F00DE



9100AB



514E57



360096



080017

Previews

White Background



This preview shows how the Hex color 6EAB00 looks on a white background.

Color Contrast Check

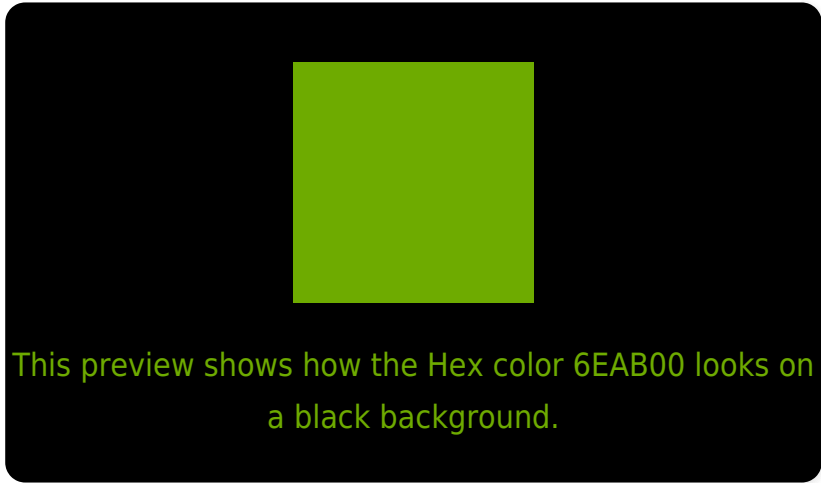
Large Text (above 18pt) WCAG AA × Fail

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 6EAB00 Background



This preview shows how black text looks on a background with the Hex color 6EAB00.

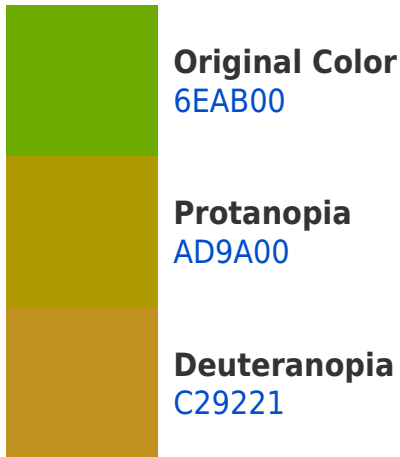


This preview shows how white text looks on a background with the Hex color 6EAB00.

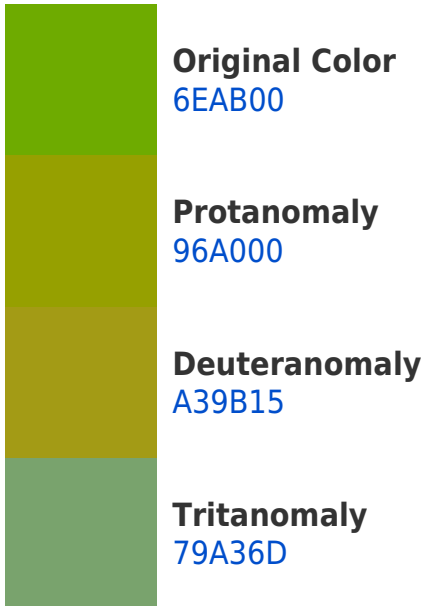
Color Blindness Simulation

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 6EAB00 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 #6EAB00 looks like.

```
.text, #text, p{  
    color:#6EAB00  
}
```

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 #6EAB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAB00
}
```

Border

The CSS property to change the border of an element to Hex 6EAB00 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
#6EAB00 }
```

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

```
.border{ border-color:#6EAB00 }
```

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

Here you see how a box with a 4 pixel #6EAB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAB00; -webkit-box-shadow:4px 4px  
4px 4px #6EAB00; box-shadow:4px 4px 4px  
4px #6EAB00 }
```

Background

The CSS property to change the background color of an element to Hex 6EAB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAB00 }
```

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

```
.background{ background-color:#6EAB00 }
```

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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