

# Converting Colors

Hex(6EB044)

Have a look what the booklet for  
Hex(6EB044) contains.

<b>Hex(6EB044)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6EB044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB044
RGB	110, 176, 68
RGB Percent	43%, 69%, 27%
CMY	0.5686, 0.3098, 0.7333
CMYK	0.37, 0.00, 0.61, 0.31
HSL	97°, 44%, 48%
HSV	97°, 61%, 69%
XYZ	22.9991, 34.7830, 10.9705
YIQ	143.9540, -4.6680, -47.5800

# Conversions

## Conversions Part 2

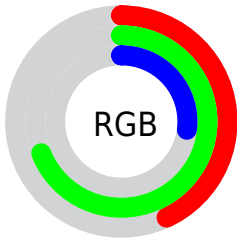
Format	Color
<a href="#">RYB</a>	<a href="#">68, 176, 134</a>
Decimal	<a href="#">7254084</a>
CIELab	<a href="#">65.58, -40.06, 47.59</a>
CIELCh	<a href="#">66, 62.207, 130.091</a>
Yxy	<a href="#">34.7830, 0.3345, 0.5059</a>
Android (android.graphics.Color)	<a href="#">4285444164 (0xFF6EB044)</a>
YUV	<a href="#">143.9540, -37.4453, -29.7777</a>
Hunter-Lab	<a href="#">58.9771, -33.6009, 30.2553</a>

# Details

The Hex color **6EB044** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8644B0**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A5E878**, and **377B0B** is the 20% darker color. If you saturate the color by 10%, you get **63B032**, and if you desaturate by 10%, it is **79B056**.

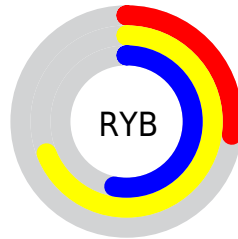
# Distribution



Red (43%)

Green (69%)

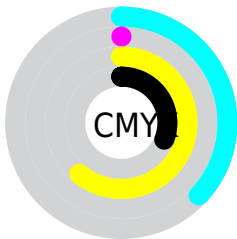
Blue (27%)



Red (27%)

Yellow (69%)

Blue (53%)

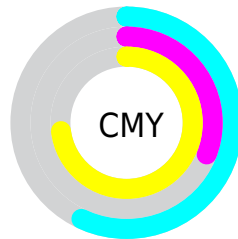


Cyan (37%)

Magenta (0%)

Yellow (61%)

Black (31%)



Cyan (57%)

Magenta (31%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB044 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 6EB044 by changing the saturation by 10% instead.



 6EB044

 6EB044

FFFFFF

 53952A

 A5E878

 377B0B

 C2FF93

 186100

 DFFFAE

 004900

 FCFFCA

 003200

 FFFFE7

 001C00

 000000

 6EB044

 6EB044

 63B032

 79B056

 58B021

 84B067

 4EB00F

 8EB079

 44B000

 99B08A

 A4B09C

 AFB0AE

 B9B0BF

 C4B0D1

 CFB0E2

# Harmonies

## Analogous

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



ABA324



6EB044



00B877

# Triad

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



6EB044



00AFFF



FF6B8F

# Complementary

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



6EB044



8644B0

# 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.



F172C7



6EB044



509FFF

# Square

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



6EB044



00B8E6



BA88F5



FB785A

# Rectangle

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



6EB044



00BA9E



BA88F5



FF6BA1



# Sweetspot

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



6EB044



CCE6BC



B08544



63735A



F2F2F2



737373



# Same Dimension

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



6EB044



7EE63C



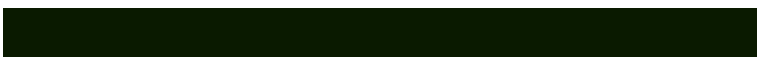
44B04F



545950



3B9900



0A1A00



# Inverse Universe

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



8644B0



A33CE6



B044A5



565059



5E0099



10001A



# Previews

## White Background



This preview shows how the Hex color 6EB044 looks on a white background.

## Color Contrast Check

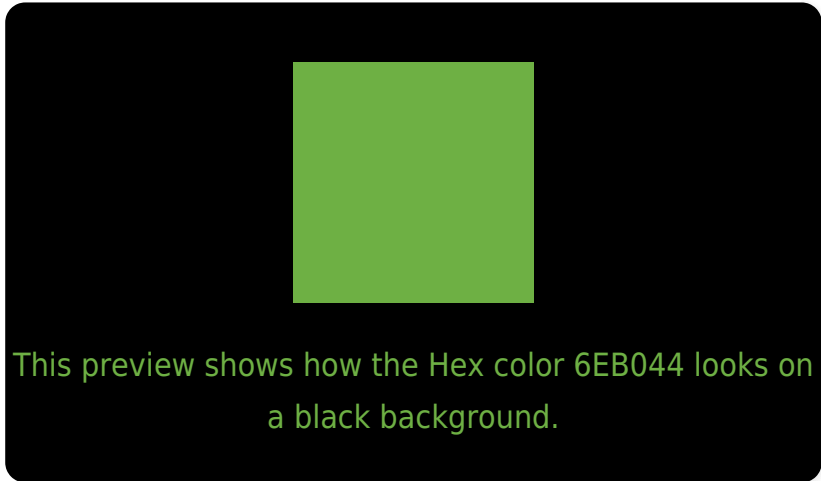
Large Text (above 18pt) WCAG AA × Fail

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 6EB044 Background



This preview shows how black text looks on a background with the Hex color 6EB044.

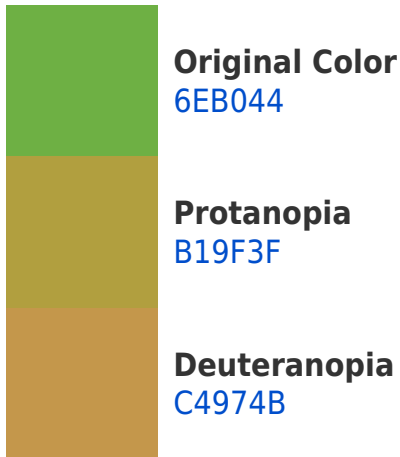


This preview shows how white text looks on a background with the Hex color 6EB044.

# 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](#).

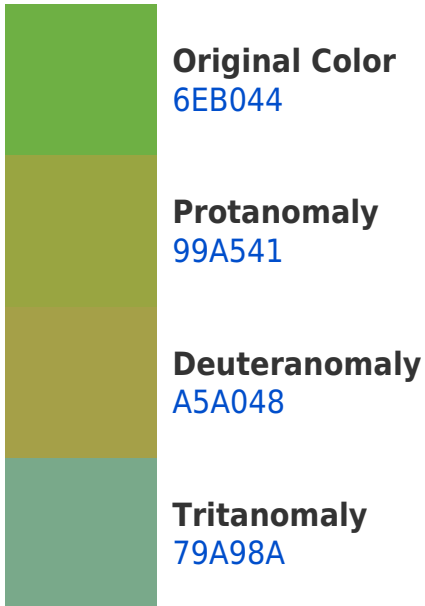
## Dichromacy



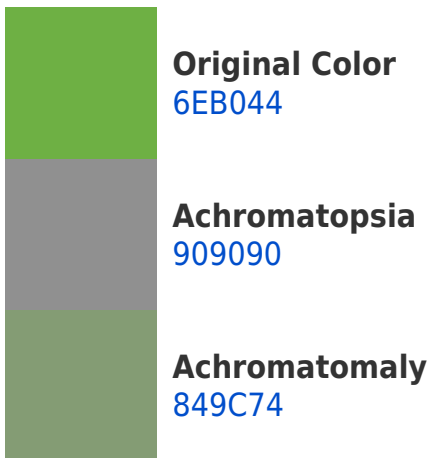


**Tritanopia**  
7FA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB044 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 #6EB044 looks like.

```
.text, #text, p{  
    color:#6EB044  
}
```

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 #6EB044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB044
}
```

## Border

The CSS property to change the border of an element to Hex 6EB044 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
#6EB044 }
```

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

```
.border{ border-color:#6EB044 }
```

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

Here you see how a box with a 4 pixel #6EB044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB044; -webkit-box-shadow:4px 4px  
4px 4px #6EB044; box-shadow:4px 4px 4px  
4px #6EB044 }
```

# Background

The CSS property to change the background color of an element to Hex 6EB044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB044 }
```

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

```
.background{ background-color:#6EB044 }
```

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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