

# Converting Colors

Hex(6EBD40)

Have a look what the booklet for  
Hex(6EBD40) contains.

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**Color**

**Hex(6EBD40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EBD40
RGB	110, 189, 64
RGB Percent	43%, 74%, 25%
CMY	0.5686, 0.2588, 0.7490
CMYK	0.42, 0.00, 0.66, 0.26
HSL	98°, 49%, 50%
HSV	98°, 66%, 74%
XYZ	25.5534, 40.0804, 11.2400
YIQ	151.1290, -6.9590, -55.6230

# Conversions

## Conversions Part 2

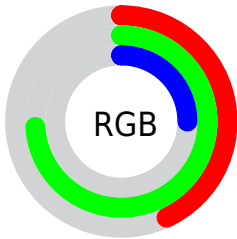
Format	Color
<a href="#">RYB</a>	<a href="#">64, 189, 143</a>
Decimal	<a href="#">7257408</a>
CIELab	<a href="#">69.53, -45.94, 53.64</a>
CIELCh	<a href="#">70, 70.626, 130.581</a>
Yxy	<a href="#">40.0804, 0.3324, 0.5214</a>
Android (android.graphics.Color)	<a href="#">4285447488</a> ( <a href="#">0xFF6EBD40</a> )
YUV	<a href="#">151.1290, -42.9546, -36.0701</a>
Hunter-Lab	<a href="#">63.3090, -38.7429, 33.7899</a>

# Details

The Hex color **6EBD40** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **8F40BD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A7F675**, and **348700** is the 20% darker color. If you saturate the color by 10%, you get **62BD2D**, and if you desaturate by 10%, it is **7ABD53**.

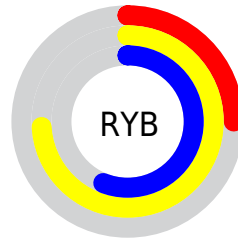
# Distribution



Red (43%)

Green (74%)

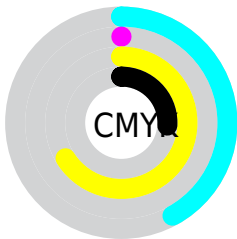
Blue (25%)



Red (25%)

Yellow (74%)

Blue (56%)

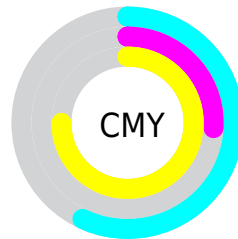


Cyan (42%)

Magenta (0%)

Yellow (66%)

Black (26%)



Cyan (57%)

Magenta (26%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EBD40 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 6EBD40 by changing the saturation by 10% instead.



 6EBD40

 6EBD40

FFFFFF

 52A224

 A7F675

 348700

 C3FF91

 0E6D00

 E1FFAC

 005400

 FEFFC8

 003C00

 FFFF E5

 002700

 000000

 6EBD40

 6EBD40

 62BD2D

 7ABD53

■ 56BD1A

■ 86BD66

■ 4ABD07

■ 92BD79

■ 46BD00

■ 9EBD8C

■ AABD9F

■ B6BDB1

■ C2BDC4

■ CEBDD7

■ DABDEA

# Harmonies

## Analogous

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



B5AE11



6EBD40



00C57D

# Triad

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



6EBD40



00BCFF



FF6B96

# Complementary

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



6EBD40



8F40BD

# 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.



FF73D6



6EBD40



46AAFF

# Square

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



6EBD40



00C6FC



CA8FFF



FF7C59

# Rectangle

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



6EBD40



00C8A9



CA8FFF



FF6AAB



# Sweetspot

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



6EBD40



D6F5C4



BD8D40



687A5D



FAFAFA



7A7A7A



# Same Dimension

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



6EBD40



7BF533



40BD4F



585E55



3A9E00



0B1F00



# Inverse Universe

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



8F40BD



AE33F5



BD40AE



5B555E



64009E



13001F



# Previews

## White Background



This preview shows how the Hex color 6EBD40 looks on a white background.

## Color Contrast Check

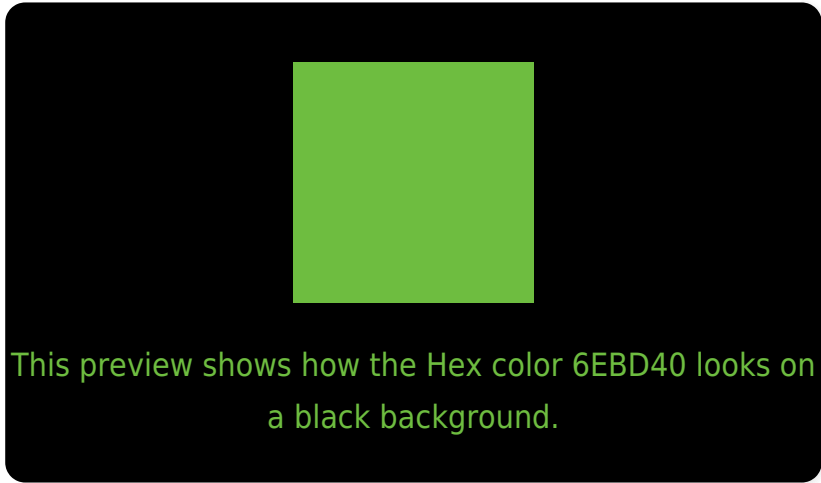
Large Text (above 18pt) WCAG AA × Fail

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 6EBD40 Background



This preview shows how black text looks on a background with the Hex color 6EBD40.

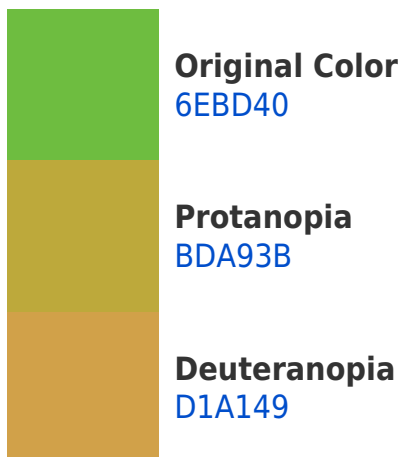


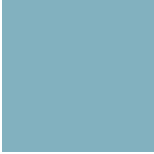
This preview shows how white text looks on a background with the Hex color 6EBD40.

# 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](#).

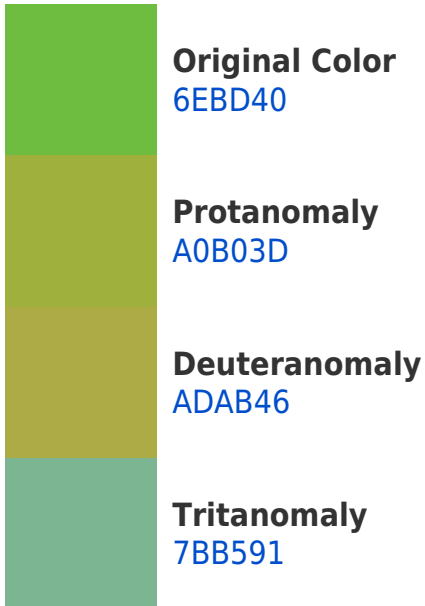
## Dichromacy



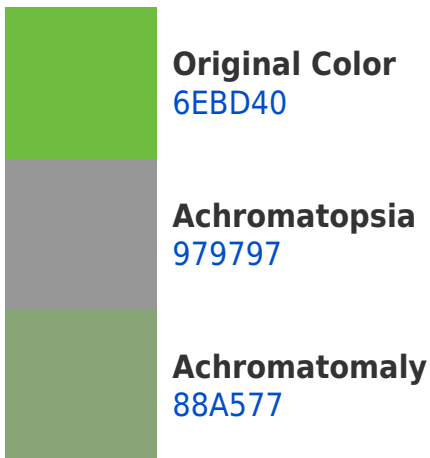


**Tritanopia**  
82B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EBD40 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 #6EBD40 looks like.

```
.text, #text, p{  
    color:#6EBD40  
}
```

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 #6EBD40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EBD40
}
```

## Border

The CSS property to change the border of an element to Hex 6EBD40 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
#6EBD40 }
```

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

```
.border{ border-color:#6EBD40 }
```

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

Here you see how a box with a 4 pixel #6EBD40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EBD40; -webkit-box-shadow:4px 4px  
4px 4px #6EBD40; box-shadow:4px 4px 4px  
4px #6EBD40 }
```

# Background

The CSS property to change the background color of an element to Hex 6EBD40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EBD40 }
```

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

```
.background{ background-color:#6EBD40 }
```

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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