

# Converting Colors

Hex(6FBF40)

Have a look what the booklet for  
Hex(6FBF40) contains.

<b>Hex(6FBF40)</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(6FBF40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6FBF40
RGB	111, 191, 64
RGB Percent	44%, 75%, 25%
CMY	0.5647, 0.2510, 0.7490
CMYK	0.42, 0.00, 0.66, 0.25
HSL	98°, 50%, 50%
HSV	98°, 66%, 75%
XYZ	26.1118, 41.0113, 11.3902
YIQ	152.6020, -6.9130, -56.4570

# Conversions

## Conversions Part 2

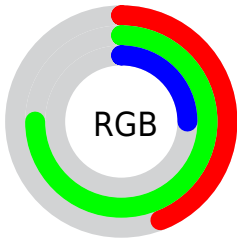
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 191, 144
Decimal	7323456
CIELab	70.18, -46.44, 54.36
CIELCh	70, 71.495, 130.511
Yxy	41.0113, 0.3326, 0.5223
Android (android.graphics.Color)	4285513536 (0xFF6FBF40)
YUV	152.6020, -43.6808, -36.4850
Hunter-Lab	64.0400, -39.2883, 34.2827

# Details

The Hex color **6FBF40** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9040BF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A8F876**, and **358900** is the 20% darker color. If you saturate the color by 10%, you get **63BF2D**, and if you desaturate by 10%, it is **7BBF53**.

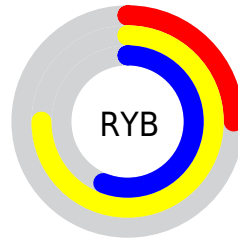
# Distribution



Red (44%)

Green (75%)

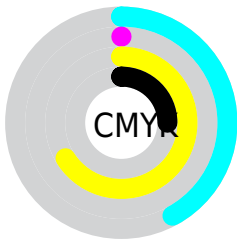
Blue (25%)



Red (25%)

Yellow (75%)

Blue (56%)

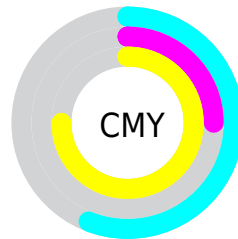


Cyan (42%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (56%)

Magenta (25%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FBF40 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 6FBF40 by changing the saturation by 10% instead.





6FBF40



6FBF40

FFFFFF



53A424



A8F876



358900



C5FF91



0F6F00



E2FFAC



005600



FFFFC9



003D00



FFFFE5



002800



000100



000000



6FBF40



6FBF40

■ 63BF2D

■ 7BBF53

■ 57BF1A

■ 87BF66

■ 4BBF07

■ 93BF79

■ 47BF00

■ 9FBF8C

■ ABBFA0

■ B7BFB3

■ C3BFC6

■ CFBFD9

■ DBBFEC

# Harmonies

## Analogous

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



B7B00F



6FBF40



00C77E

# Triad

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



6FBF40



00BEFF



FF6B97

# Complementary

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



6FBF40



9040BF

# 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.



FF74D8



6FBF40



45ABFF

# Square

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



6FBF40



00C8FF



CC90FF



FF7D5A

# Rectangle

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



6FBF40



00CAAB



CC90FF



FF6BAD

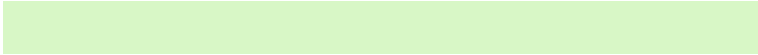


# Sweetspot

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



6FBF40



D8F7C6



BF8E40



6A7D5F



FCFCFC



7D7D7D



# Same Dimension

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



6FBF40



7BF731



40BF4F



585E55



3B9E00



0B1F00



# Inverse Universe

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



9040BF



AE31F7



BF40B0



5B555E



64009E



13001F



# Previews

## White Background



This preview shows how the Hex color 6FBF40 looks on a white background.

## Color Contrast Check

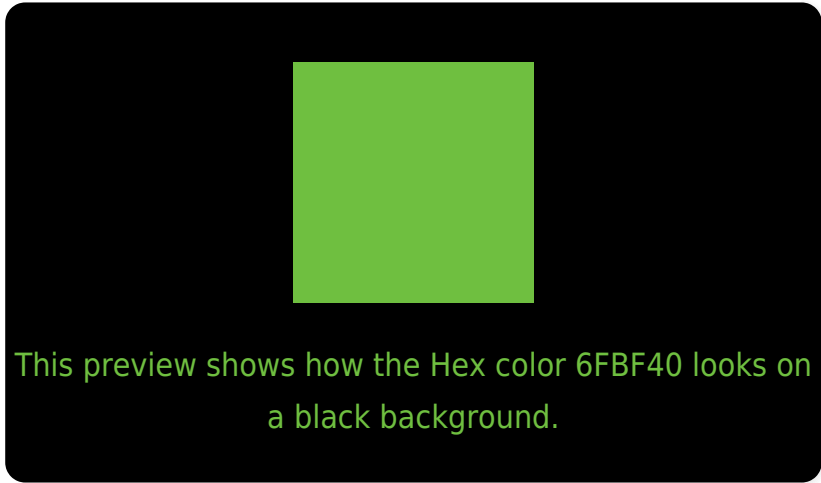
Large Text (above 18pt) WCAG AA × Fail

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 6FBF40 Background



This preview shows how black text looks on a background with the Hex color 6FBF40.

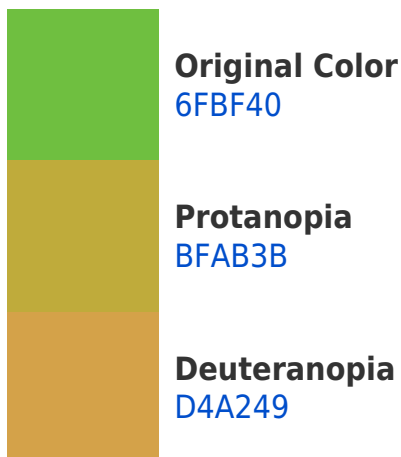


This preview shows how white text looks on a background with the Hex color 6FBF40.

# 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](#).

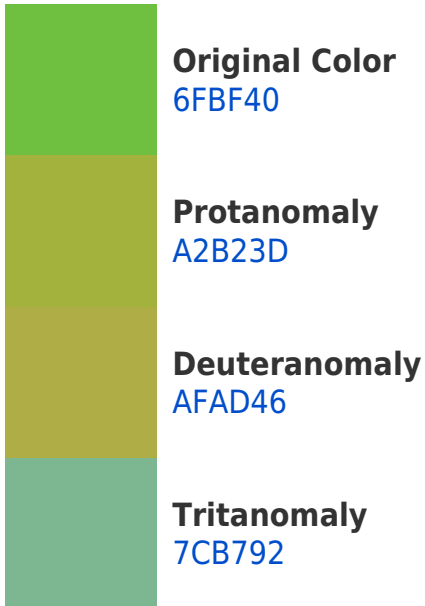
## Dichromacy



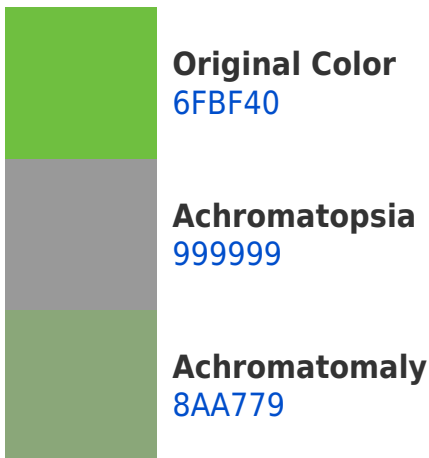


**Tritanopia**  
84B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FBF40 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 #6FBF40 looks like.

```
.text, #text, p{  
    color:#6FBF40  
}
```

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 #6FBF40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FBF40
}
```

## Border

The CSS property to change the border of an element to Hex 6FBF40 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
#6FBF40 }
```

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

```
.border{ border-color:#6FBF40 }
```

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

Here you see how a box with a 4 pixel #6FBF40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FBF40; -webkit-box-shadow:4px 4px  
4px 4px #6FBF40; box-shadow:4px 4px 4px  
4px #6FBF40 }
```

# Background

The CSS property to change the background color of an element to Hex 6FBF40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FBF40 }
```

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

```
.background{ background-color:#6FBF40 }
```

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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