

Converting Colors

Hex(6FB14C)

Have a look what the booklet for
Hex(6FB14C) contains.

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Color

Hex(6FB14C)

Conversions

Conversions Part 1

Format	Color
Hex	6FB14C
RGB	111, 177, 76
RGB Percent	44%, 69%, 30%
CMY	0.5647, 0.3059, 0.7020
CMYK	0.37, 0.00, 0.57, 0.31
HSL	99°, 40%, 50%
HSV	99°, 57%, 69%
XYZ	23.5822, 35.3456, 12.4169
YIQ	145.7520, -6.9150, -45.4030

Conversions

Conversions Part 2

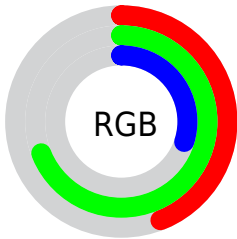
Format	Color
RYB	76, 177, 142
Decimal	7319884
CIELab	66.02, -39.34, 44.42
CIELCh	66, 59.334, 131.526
Yxy	35.3456, 0.3305, 0.4954
Android (android.graphics.Color)	4285509964 (0xFF6FB14C)
YUV	145.7520, -34.3877, -30.4775
Hunter-Lab	59.4522, -33.2378, 29.2334

Details

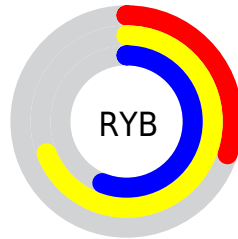
The Hex color **6FB14C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8E4CB1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A6E980**, and **397C18** is the 20% darker color. If you saturate the color by 10%, you get **63B13A**, and if you desaturate by 10%, it is **7BB15E**.

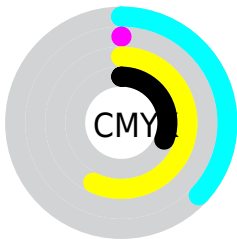
Distribution



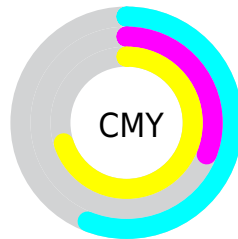
- Red (44%)
- Green (69%)
- Blue (30%)



- Red (30%)
- Yellow (69%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (57%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FB14C 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 6FB14C by changing the saturation by 10% instead.



6FB14C



6FB14C

FFFFFF



549633



A6E980



397C18



C2FF9B



1B6200



DFFF66



004A00



FDFFD2



003200



FFFFE0



001D00



000000



6FB14C



6FB14C



63B13A



7BB15E

 58B129

 86B16F

 4CB117

 92B181

 41B105

 9DB193

 3DB100

 A9B1A5

 B4B1B6

 C0B1C8

 CCB1DA

 D7B1EB

Harmonies

Analogous

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



AAA42E



6FB14C



00B87D

Triad

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



6FB14C



00AFFF



FF708E

Complementary

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



6FB14C



8E4CB1

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.



F075C3



6FB14C



619FFF

Square

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



6FB14C



00B8E6



BE8AF1



F87D5C

Rectangle

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



6FB14C



00BAA2



BE8AF1



FF6FA0

Sweetspot

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



6FB14C



CCE6BE



B18E4C



64735C



F2F2F2



737373

Same Dimension

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



6FB14C



80E649



4CB15B



535950



359900



091A00

Inverse Universe

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



8E4CB1



AF49E6



B14CA2



565059



640099



11001A

Previews

White Background



This preview shows how the Hex color 6FB14C looks on a white background.

Color Contrast Check

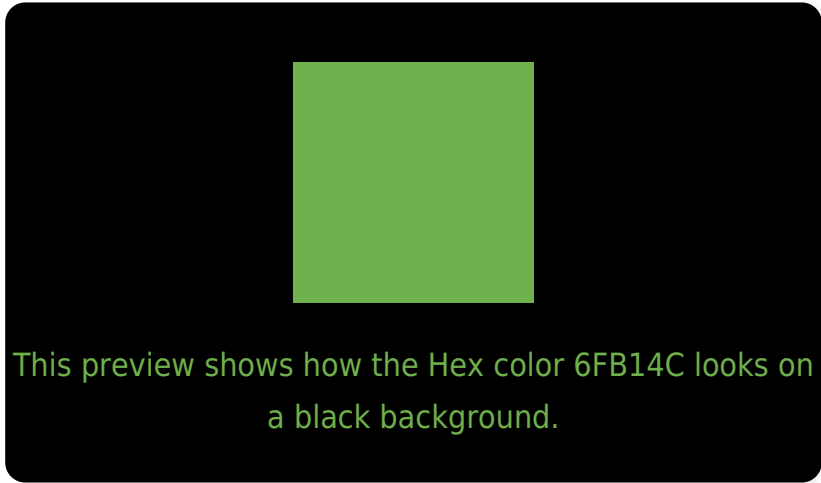
Large Text (above 18pt) WCAG AA × Fail

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 6FB14C Background



This preview shows how black text looks on a background with the Hex color 6FB14C.

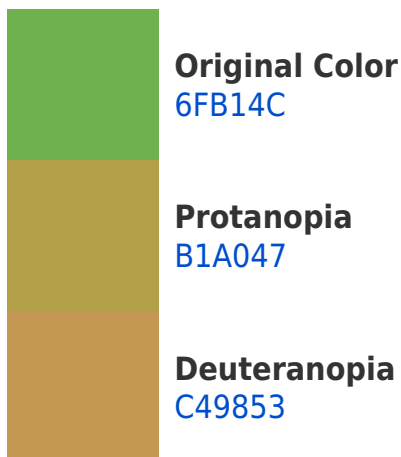


This preview shows how white text looks on a background with the Hex color 6FB14C.

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](#).

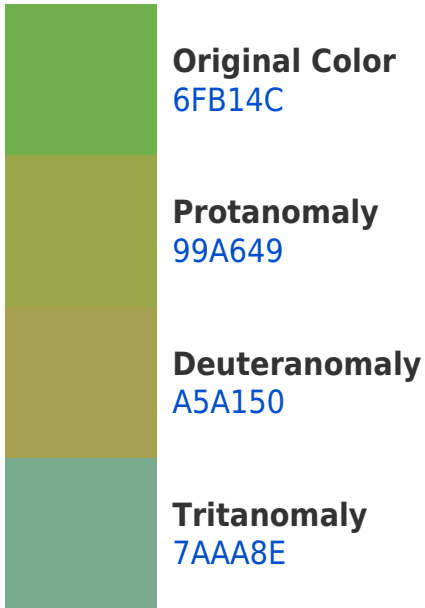
Dichromacy





Tritanopia
80A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FB14C 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 #6FB14C looks like.

```
.text, #text, p{  
    color:#6FB14C  
}
```

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 #6FB14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB14C
}
```

Border

The CSS property to change the border of an element to Hex 6FB14C 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
#6FB14C }
```

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

```
.border{ border-color:#6FB14C }
```

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

Here you see how a box with a 4 pixel #6FB14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB14C; -webkit-box-shadow:4px 4px  
4px 4px #6FB14C; box-shadow:4px 4px 4px  
4px #6FB14C }
```

Background

The CSS property to change the background color of an element to Hex 6FB14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB14C }
```

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

```
.background{ background-color:#6FB14C }
```

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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