

Converting Colors

Hex(6FC63A)

Have a look what the booklet for
Hex(6FC63A) contains.

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Color

Hex(6FC63A)

Conversions

Conversions Part 1

Format	Color
Hex	6FC63A
RGB	111, 198, 58
RGB Percent	44%, 78%, 23%
CMY	0.5647, 0.2235, 0.7725
CMYK	0.44, 0.00, 0.71, 0.22
HSL	97°, 55%, 50%
HSV	97°, 71%, 78%
XYZ	27.5133, 44.0732, 11.0599
YIQ	156.0270, -6.9120, -61.9840

Conversions

Conversions Part 2

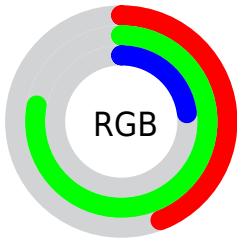
Format	Color
RYB	58, 198, 145
Decimal	7325242
CIELab	72.28, -49.75, 58.89
CIElCh	72, 77.089, 130.194
Yxy	44.0732, 0.3329, 0.5333
Android (android.graphics.Color)	4285515322 (0xFF6FC63A)
YUV	156.0270, -48.3273, -39.4887
Hunter-Lab	66.3876, -42.2017, 36.5939

Details

The Hex color **6FC63A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **913AC6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9FF71**, and **338F00** is the 20% darker color. If you saturate the color by 10%, you get **63C626**, and if you desaturate by 10%, it is **7BC64E**.

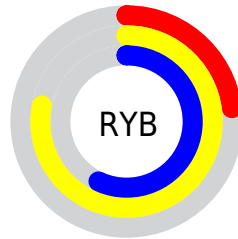
Distribution



Red (44%)

Green (78%)

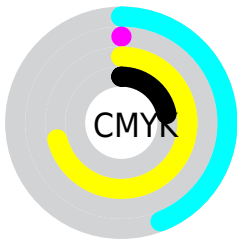
Blue (23%)



Red (23%)

Yellow (78%)

Blue (57%)

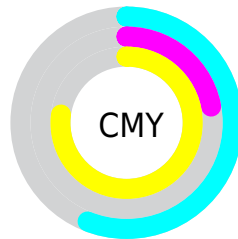


Cyan (44%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (56%)

Magenta (22%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FC63A 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 6FC63A by changing the saturation by 10% instead.



6FC63A



6FC63A

FFFFFF



52AA1B



A9FF71



338F00



C6FF8C



057500



E3FFA8



005C00



FFFFC5



004300



FFFFE1



002D00



000F00



000000



6FC63A



6FC63A

 63C626

 7BC64E

 56C612

 88C662

 4BC600

 94C675

 A0C689

 ADC69D

 B9C6B1

 C5C6C5

 D1C6D8

 DEC6EC

Harmonies

Analogous

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



BDB600



6FC63A



00CF7F

Triad

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



6FC63A



00C6FF



FF699C

Complementary

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



6FC63A



913AC6

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.



FF74E3



6FC63A



2DB2FF

Square

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



6FC63A



00D0FF



D293FF



FF7E59

Rectangle

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



6FC63A



00D1B0



D293FF



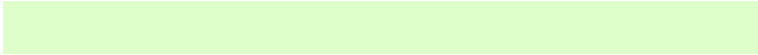
FF69B4

Sweetspot

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



6FC63A



DEFFC9



C6903A



6C8060



000000



808080

Same Dimension

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



6FC63A



78FF26



3AC64A



5D635A



3EA300



0E2400

Inverse Universe

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



913AC6



AD26FF



C63AB6



605A63



6500A3



160024

Previews

White Background



This preview shows how the Hex color 6FC63A looks on a white background.

Color Contrast Check

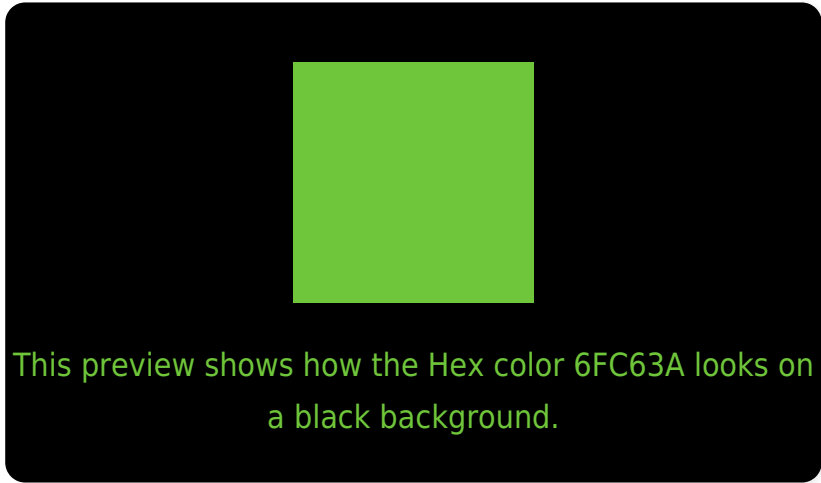
Large Text (above 18pt) WCAG AA × Fail

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 6FC63A Background



This preview shows how black text looks on a background with the Hex color 6FC63A.



This preview shows how white text looks on a background with the Hex color 6FC63A.

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](#).

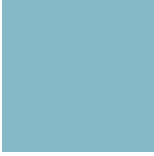
Dichromacy



Original Color
6FC63A

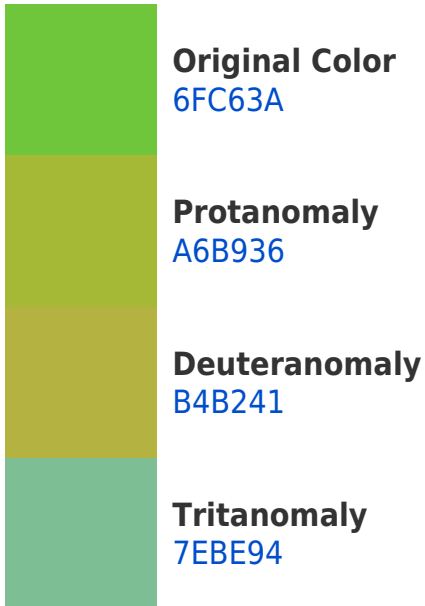
Protanopia
C5B134

Deuteranopia
DBA745

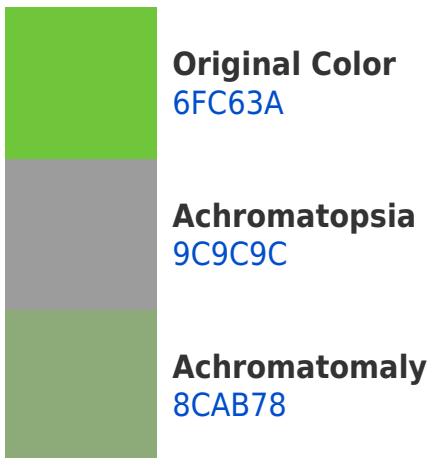


Tritanopia
86B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FC63A 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 #6FC63A looks like.

```
.text, #text, p{  
    color:#6FC63A  
}
```

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 #6FC63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC63A
}
```

Border

The CSS property to change the border of an element to Hex 6FC63A 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
#6FC63A }
```

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

```
.border{ border-color:#6FC63A }
```

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

Here you see how a box with a 4 pixel #6FC63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC63A; -webkit-box-shadow:4px 4px  
4px 4px #6FC63A; box-shadow:4px 4px 4px  
4px #6FC63A }
```

Background

The CSS property to change the background color of an element to Hex 6FC63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC63A }
```

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

```
.background{ background-color:#6FC63A }
```

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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