

Converting Colors

Hex(6FA34F)

Have a look what the booklet for
Hex(6FA34F) contains.

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Color

Hex(6FA34F)

Conversions

Conversions Part 1

Format	Color
Hex	6FA34F
RGB	111, 163, 79
RGB Percent	44%, 64%, 31%
CMY	0.5647, 0.3608, 0.6902
CMYK	0.32, 0.00, 0.52, 0.36
HSL	97°, 35%, 47%
HSV	97°, 52%, 64%
XYZ	21.0640, 30.1384, 12.1042
YIQ	137.8760, -4.0280, -37.1480

Conversions

Conversions Part 2

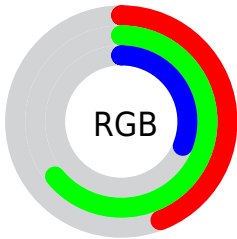
Format	Color
RYB	79, 163, 131
Decimal	7316303
CIELab	61.77, -32.65, 37.93
CIELCh	62, 50.045, 130.727
Yxy	30.1384, 0.3327, 0.4761
Android (android.graphics.Color)	4285506383 (0xFF6FA34F)
YUV	137.8760, -29.0259, -23.5703
Hunter-Lab	54.8985, -27.5835, 25.3564

Details

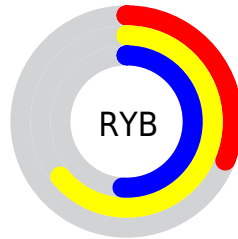
The Hex color **6FA34F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **834FA3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A5DA82**, and **3B6F1E** is the 20% darker color. If you saturate the color by 10%, you get **65A33F**, and if you desaturate by 10%, it is **79A35F**.

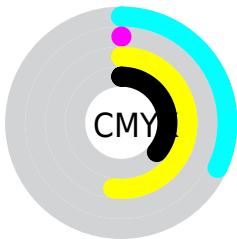
Distribution



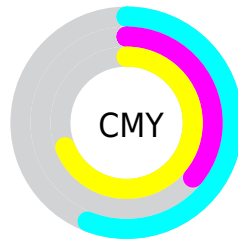
- Red (44%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (51%)



- Cyan (32%)
- Magenta (0%)
- Yellow (52%)
- Black (36%)



- Cyan (56%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA34F 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 6FA34F by changing the saturation by 10% instead.



6FA34F



6FA34F

FFFFFF



558936



A5DA82



3B6F1E



C1F79D



215602



DdffB8



043E00



FbFFD4



002800



FFFFF1



000C00



000000



6FA34F



6FA34F



65A33F



79A35F

 5BA32E

 83A370

 51A31E

 8DA380

 47A30E

 97A390

 3EA300

 A1A3A1

 ACA3B1

 B6A3C1

 C0A3D1

 CAA3E2

Harmonies

Analogous

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



9F9839



6FA34F



21A976

Triad

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



6FA34F



00A2E8



E86F87

Complementary

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



6FA34F



834FA3

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.



D873B4



6FA34F



6495EC

Square

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



6FA34F



00A9CE



AD83D9



E0785D

Rectangle

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



6FA34F



00AB95



AD83D9



E56F96

Sweetspot

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



6FA34F



C0D4B4



A3834F



5F6B58



EBEBEB



6B6B6B

Same Dimension

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



6FA34F



82D450



4FA359



4D5249



379100



071200

Inverse Universe

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



834FA3



A250D4



A34F99



4E4952



5A0091



0B0012

Previews

White Background



This preview shows how the Hex color 6FA34F looks on a white background.

Color Contrast Check

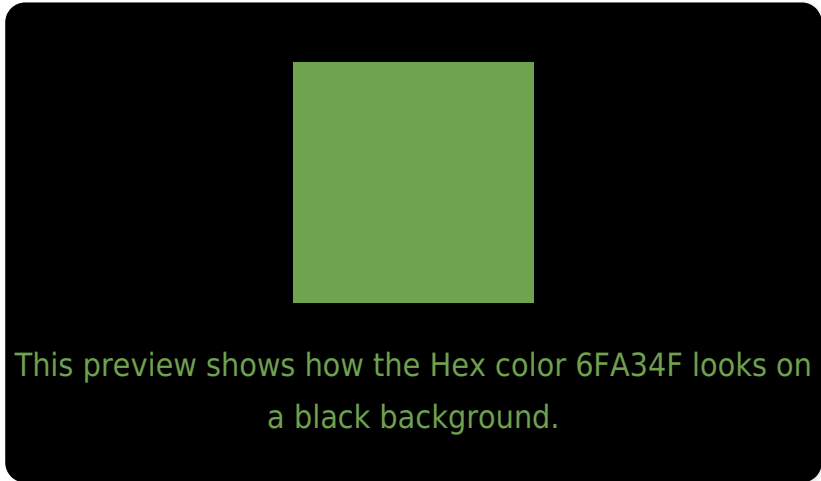
Large Text (above 18pt) WCAG AA × Fail

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

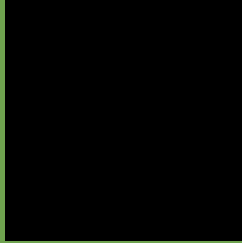
Any Text WCAG AA ✓ Pass

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 6FA34F Background



This preview shows how black text looks on a background with the Hex color 6FA34F.

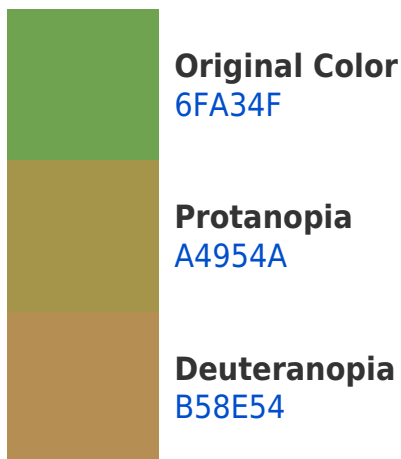


This preview shows how white text looks on a background with the Hex color 6FA34F.

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](#).

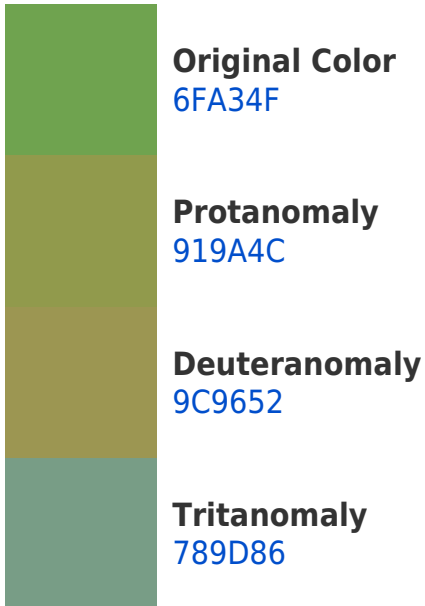
Dichromacy



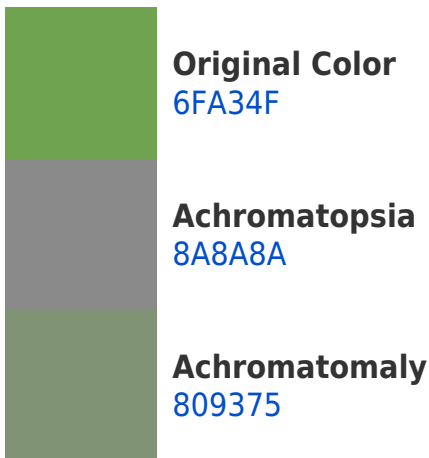


Tritanopia
7D9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA34F 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 #6FA34F looks like.

```
.text, #text, p{  
    color:#6FA34F  
}
```

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 #6FA34F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA34F
}
```

Border

The CSS property to change the border of an element to Hex 6FA34F 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
#6FA34F }
```

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

```
.border{ border-color:#6FA34F }
```

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

Here you see how a box with a 4 pixel #6FA34F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA34F; -webkit-box-shadow:4px 4px  
4px 4px #6FA34F; box-shadow:4px 4px 4px  
4px #6FA34F }
```

Background

The CSS property to change the background color of an element to Hex 6FA34F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA34F }
```

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

```
.background{ background-color:#6FA34F }
```

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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