

Converting Colors

Hex(6FAA6D)

Have a look what the booklet for
Hex(6FAA6D) contains.

Hex(6FAA6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6FAA6D)

Conversions

Conversions Part 1

Format	Color
Hex	6FAA6D
RGB	111, 170, 109
RGB Percent	44%, 67%, 43%
CMY	0.5647, 0.3333, 0.5725
CMYK	0.35, 0.00, 0.36, 0.33
HSL	118°, 26%, 55%
HSV	118°, 36%, 67%
XYZ	23.6906, 33.2331, 19.6340
YIQ	145.4050, -15.5830, -31.4790

Conversions

Conversions Part 2

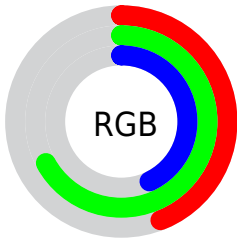
Format	Color
RYB	109, 170, 168
Decimal	7318125
CIELab	64.35, -31.67, 25.54
CIElCh	64, 40.684, 141.112
Yxy	33.2331, 0.3094, 0.4341
Android (android.graphics.Color)	4285508205 (0xFF6FAA6D)
YUV	145.4050, -17.9477, -30.1732
Hunter-Lab	57.6481, -27.5294, 20.1605

Details

The Hex color **6FAA6D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A86DAA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A5E2A1**, and **3C753D** is the 20% darker color. If you saturate the color by 10%, you get **5FAA5C**, and if you desaturate by 10%, it is **7FAA7E**.

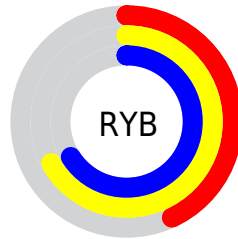
Distribution



Red (44%)

Green (67%)

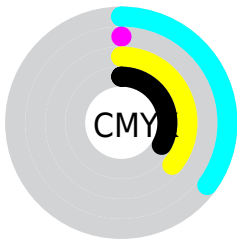
Blue (43%)



Red (43%)

Yellow (67%)

Blue (66%)

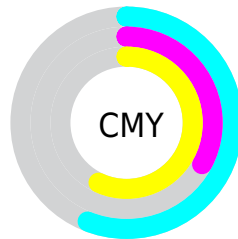


Cyan (35%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FAA6D 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 6FAA6D by changing the saturation by 10% instead.



6FAA6D



6FAA6D

FFFFFF



558F54



A5E2A1



3C753D



C0FEBC



225C26



DDFFD8



01440F



FAFFF5



002D00



001800



000000



6FAA6D



6FAA6D



5FAA5C



7FAA7E

 4EAA4B

 90AA8F

 3EAA3A

 A0AAA0

 2DAA29

 B1AAB1

 1DAA18

 C1AAC2

 0CAA07

 D2AAD3

 06AA00

 E2AAE4

 F3AAF5

 FFAAFF

Harmonies

Analogous

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



99A256



6FAA6D



38AE90

Triad

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



6FAA6D



4BA3E3



E28084

Complementary

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



6FAA6D



A86DAA

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.



DB80A8



6FAA6D



8F97E0

Square

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



6FAA6D



00ABD4



BF89CA



D68965

Rectangle

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



6FAA6D



00AFA9



BF89CA



E27F90

Sweetspot

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



6FAA6D



C6DEC5



AAA86D



627062



F0F0F0



707070

Same Dimension

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



6FAA6D



82DE7E



6DAA89



4C544C



059400



011400

Inverse Universe

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



A86DAA



DB7EDE



AA6D8E



544C54



8F0094



140014

Previews

White Background



This preview shows how the Hex color 6FAA6D looks on a white background.

Color Contrast Check

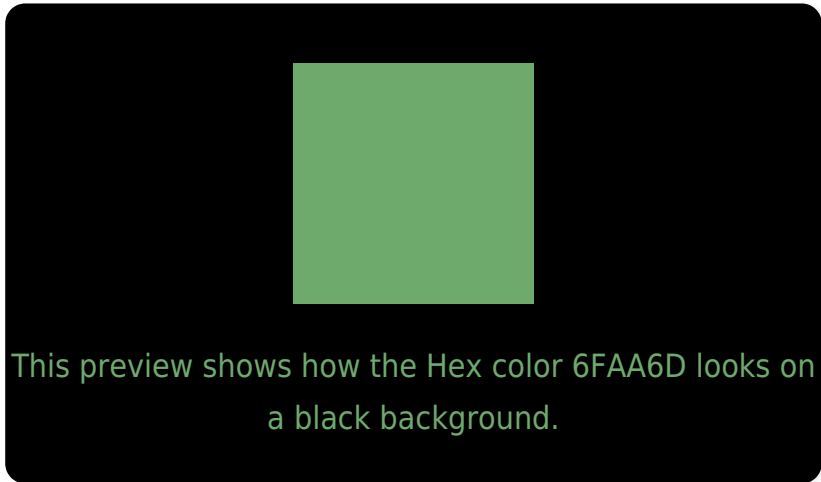
Large Text (above 18pt) WCAG AA × Fail

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 6FAA6D Background



This preview shows how black text looks on a background with the Hex color 6FAA6D.

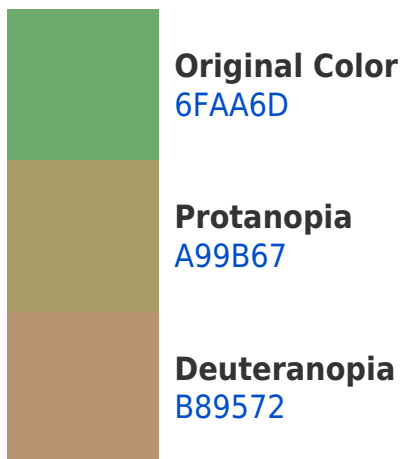


This preview shows how white text looks on a background with the Hex color 6FAA6D.

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](#).

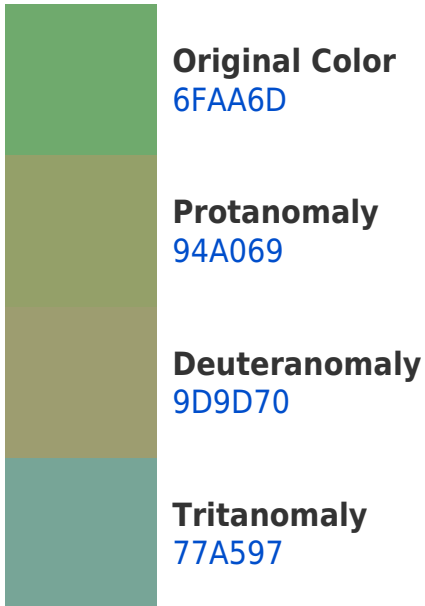
Dichromacy



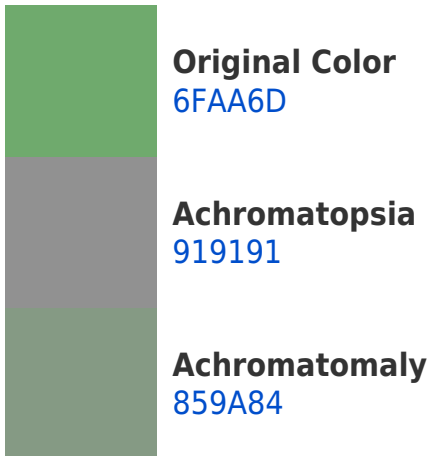


Tritanopia
7BA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FAA6D 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 #6FAA6D looks like.

```
.text, #text, p{  
    color:#6FAA6D  
}
```

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 #6FAA6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FAA6D
}
```

Border

The CSS property to change the border of an element to Hex 6FAA6D 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
#6FAA6D }
```

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

```
.border{ border-color:#6FAA6D }
```

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

Here you see how a box with a 4 pixel #6FAA6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FAA6D; -webkit-box-shadow:4px 4px  
4px 4px #6FAA6D; box-shadow:4px 4px 4px  
4px #6FAA6D }
```

Background

The CSS property to change the background color of an element to Hex 6FAA6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FAA6D }
```

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

```
.background{ background-color:#6FAA6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor