

Converting Colors

Hex(6DAA6F)

Have a look what the booklet for
Hex(6DAA6F) contains.

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Color

Hex(6DAA6F)

Conversions

Conversions Part 1

Format	Color
Hex	6DAA6F
RGB	109, 170, 111
RGB Percent	43%, 67%, 44%
CMY	0.5725, 0.3333, 0.5647
CMYK	0.36, 0.00, 0.35, 0.33
HSL	122°, 26%, 55%
HSV	122°, 36%, 67%
XYZ	23.5506, 33.1484, 20.1959
YIQ	145.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

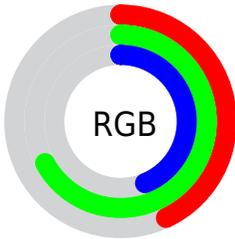
Format	Color
RYB	109, 168, 170
Decimal	7187055
CIELab	64.28, -31.99, 24.36
CIELCh	64, 40.209, 142.719
Yxy	33.1484, 0.3063, 0.4311
Android (android.graphics.Color)	4285377135 (0xFF6DAA6F)
YUV	145.0350, -16.7793, -31.6027
Hunter-Lab	57.5746, -27.7409, 19.5046

Details

The Hex color **6DAA6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA6DA8**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A3E2A3**, and **39753E** is the 20% darker color. If you saturate the color by 10%, you get **5CAA5F**, and if you desaturate by 10%, it is **7EAA7F**.

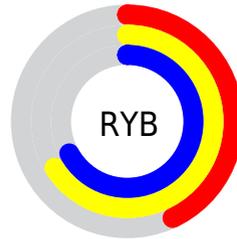
Distribution



Red (43%)

Green (67%)

Blue (44%)



Red (43%)

Yellow (66%)

Blue (67%)

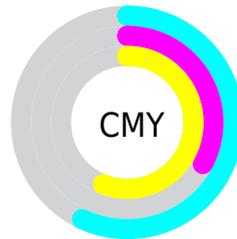


Cyan (36%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DAA6F 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 6DAA6F by changing the saturation by 10% instead.



6DAA6F



6DAA6F

FFFFFF



538F56



A3E2A3



39753E



BEFEBE



1F5C28



DBFFDA



004412



F8FFF7



002D00



001800



000000



6DAA6F



6DAA6F



5CAA5F



7EAA7F

 4BAA4E

 8FAA90

 3AAA3E

 A0AAA0

 29AA2D

 B1AAB1

 18AA1D

 C2AAC1

 07AA0C

 D3AAD2

 00AA06

 E4AAE2

 F5AAF3

 FFAAFF

Harmonies

Analogous

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



97A258



6DAA6F



36AE92

Triad

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



6DAA6F



51A2E3



E18182

Complementary

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



6DAA6F



AA6DA8

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.



DB80A6



6DAA6F



9296DE

Square

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



6DAA6F



00AAD4



C088C8



D48A64

Rectangle

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



6DAA6F



00AFAA



C088C8



E17F8E

Sweetspot

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



6DAA6F



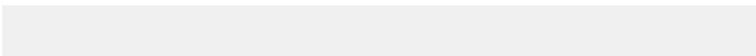
C5DEC6



A9AA6D



627062



F0F0F0



707070

Same Dimension

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



6DAA6F



7EDE82



6DAA8D



4C544C



009405



001401

Inverse Universe

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



AA6DA8



DE7EDB



AA6D8A



544C54



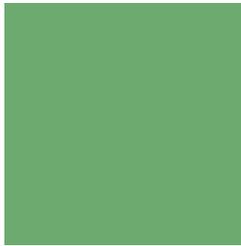
94008F



140014

Previews

White Background



This preview shows how the Hex color 6DAA6F looks on a white background.

Color Contrast Check

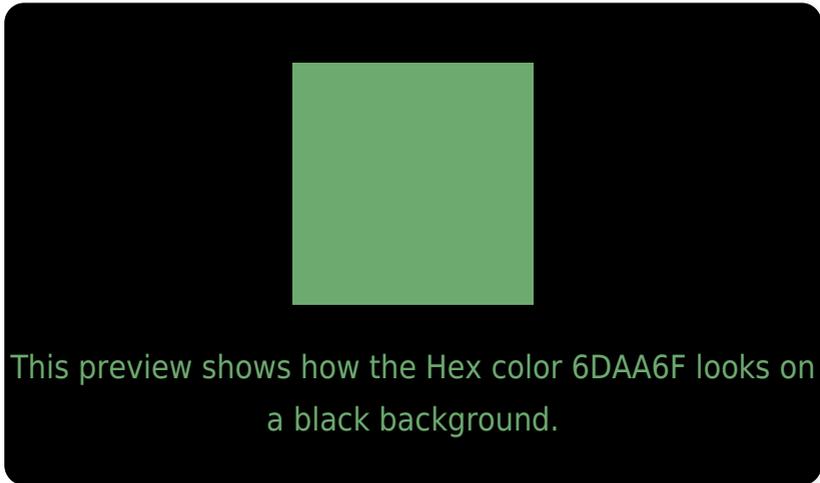
Large Text (above 18pt) WCAG AA × Fail

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 6DAA6F Background



This preview shows how black text looks on a background with the Hex color 6DAA6F.

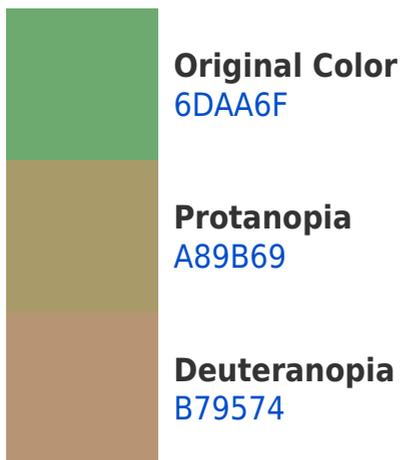


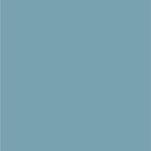
This preview shows how white text looks on a background with the Hex color 6DAA6F.

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](#).

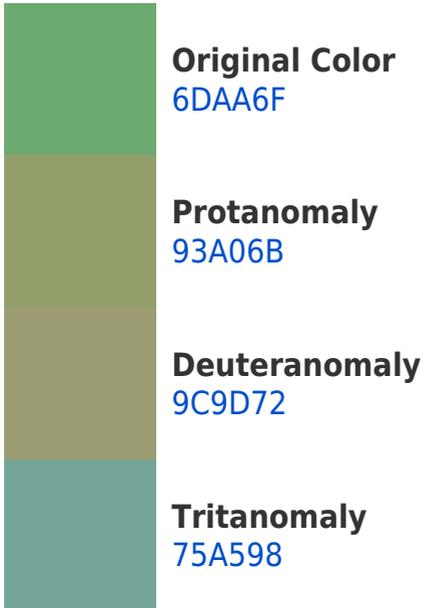
Dichromacy



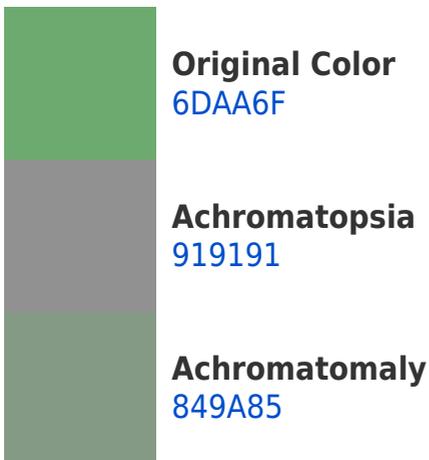


Tritanopia
79A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DAA6F 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 #6DAA6F looks like.

```
.text, #text, p{  
    color:#6DAA6F  
}
```

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 #6DAA6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAA6F
}
```

Border

The CSS property to change the border of an element to Hex 6DAA6F 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
#6DAA6F }
```

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

```
.border{ border-color:#6DAA6F }
```

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

Here you see how a box with a 4 pixel #6DAA6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAA6F; -webkit-box-shadow:4px 4px  
4px 4px #6DAA6F; box-shadow:4px 4px 4px  
4px #6DAA6F }
```

Background

The CSS property to change the background color of an element to Hex 6DAA6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAA6F }
```

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

```
.background{ background-color:#6DAA6F }
```

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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