

# Converting Colors

Hex(6EA66E)

Have a look what the booklet for  
Hex(6EA66E) contains.

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# **Color**

**Hex(6EA66E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA66E
RGB	110, 166, 110
RGB Percent	43%, 65%, 43%
CMY	0.5686, 0.3490, 0.5686
CMYK	0.34, 0.00, 0.34, 0.35
HSL	120°, 24%, 54%
HSV	120°, 34%, 65%
XYZ	22.8811, 31.7132, 19.6672
YIQ	142.8720, -15.4000, -29.2880

# Conversions

## Conversions Part 2

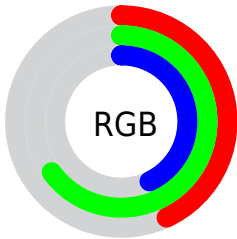
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 166, 166</a>
Decimal	<a href="#">7251566</a>
CIELab	<a href="#">63.11, -29.93, 23.33</a>
CIELCh	<a href="#">63, 37.951, 142.061</a>
Yxy	<a href="#">31.7132, 0.3081, 0.4270</a>
Android (android.graphics.Color)	<a href="#">4285441646 (0xFF6EA66E)</a>
YUV	<a href="#">142.8720, -16.2059, -28.8287</a>
Hunter-Lab	<a href="#">56.3145, -26.0242, 18.7138</a>

# Details

The Hex color **6EA66E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A66EA6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A3DDA2**, and **3B723E** is the 20% darker color. If you saturate the color by 10%, you get **5DA65D**, and if you desaturate by 10%, it is **7FA67F**.

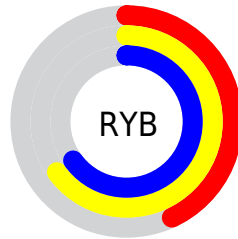
# Distribution



Red (43%)

Green (65%)

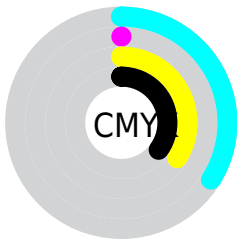
Blue (43%)



Red (43%)

Yellow (65%)

Blue (65%)

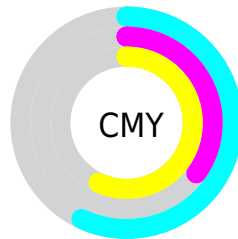


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA66E 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 6EA66E by changing the saturation by 10% instead.





6EA66E



6EA66E

FFFFFF



548B55



A3DDA2



3B723E



BFFABD



225927



DBFFD9



034111



F8FFF6



002A00



001300



000000



6EA66E



6EA66E



5DA65D



7FA67F

 4DA64D

 8FA68F

 3CA63C

 A0A6A0

 2CA62C

 B0A6B0

 1BA61B

 C1A6C1

 0AA60A

 D2A6D2

 00A600

 E2A6E2

 F3A6F3

 FFA6FF

# Harmonies

## Analogous

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



959E59



6EA66E



3EAA8E

# Triad

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



6EA66E



549FDB



DA7F81

# Complementary

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



6EA66E



A66EA6

# 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.



D47FA3



6EA66E



8F93D7

# Square

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



6EA66E



00A7CD



BA87C3



CF8865

# Rectangle

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



6EA66E



00ABA6



BA87C3



DA7E8C



# Sweetspot

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



6EA66E



C3D9C3



A6A66E



606E60



EDEDED



6E6E6E



# Same Dimension

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



6EA66E



82D982



6EA68A



4C544C



009400



001400



# Inverse Universe

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



A66EA6



D982D9



A66E8A



544C54



940094



140014



# Previews

## White Background



This preview shows how the Hex color 6EA66E looks on a white background.

## Color Contrast Check

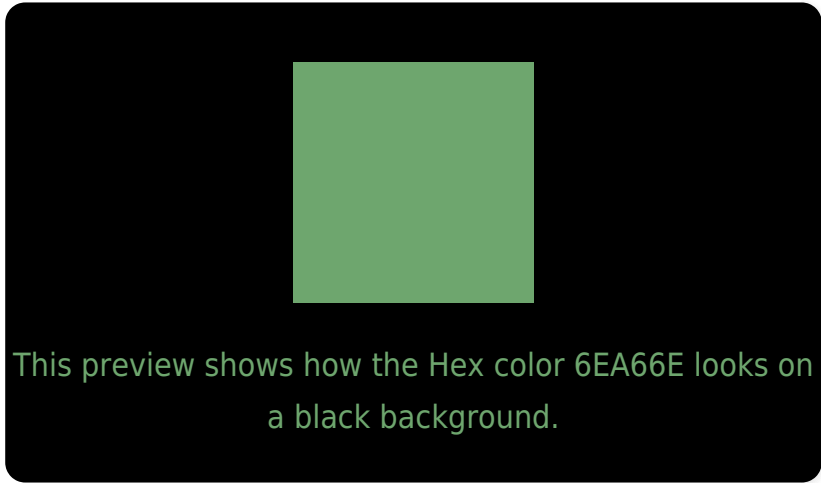
Large Text (above 18pt) WCAG AA × Fail

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 6EA66E Background



This preview shows how black text looks on a background with the Hex color 6EA66E.



This preview shows how white text looks on a background with the Hex color 6EA66E.

# 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](#).

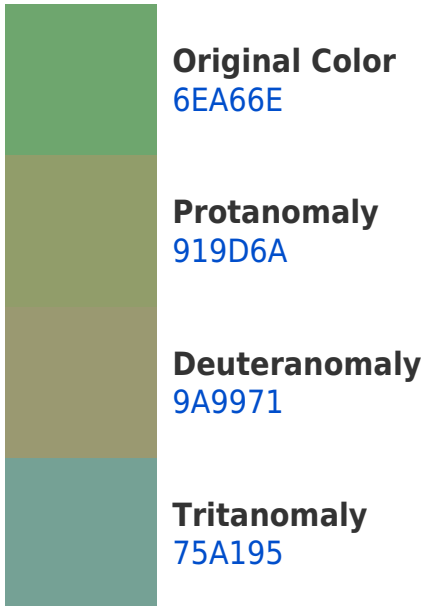
## Dichromacy



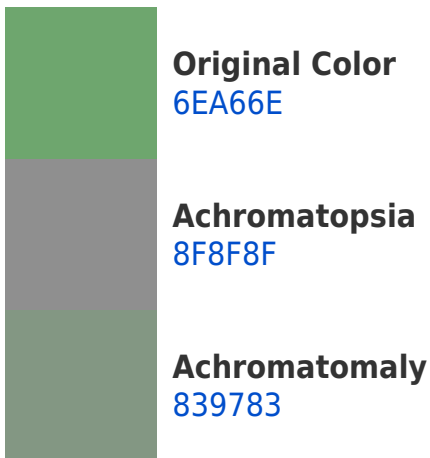


**Tritanopia**  
799EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA66E 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 #6EA66E looks like.

```
.text, #text, p{  
    color:#6EA66E  
}
```

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 #6EA66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA66E
}
```

## Border

The CSS property to change the border of an element to Hex 6EA66E 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
#6EA66E }
```

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

```
.border{ border-color:#6EA66E }
```

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

Here you see how a box with a 4 pixel #6EA66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA66E; -webkit-box-shadow:4px 4px  
4px 4px #6EA66E; box-shadow:4px 4px 4px  
4px #6EA66E }
```

# Background

The CSS property to change the background color of an element to Hex 6EA66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA66E }
```

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

```
.background{ background-color:#6EA66E }
```

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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