

# Converting Colors

Hex(6EC748)

Have a look what the booklet for  
Hex(6EC748) contains.

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**Color**

**Hex(6EC748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EC748
RGB	110, 199, 72
RGB Percent	43%, 78%, 28%
CMY	0.5686, 0.2196, 0.7176
CMYK	0.45, 0.00, 0.64, 0.22
HSL	102°, 53%, 53%
HSV	102°, 64%, 78%
XYZ	28.0235, 44.6297, 13.2683
YIQ	157.9110, -12.2770, -58.3650

# Conversions

## Conversions Part 2

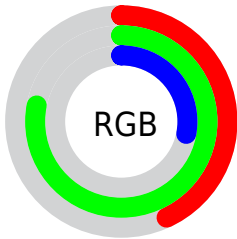
Format	Color
<a href="#">RYB</a>	<a href="#">72, 199, 161</a>
Decimal	<a href="#">7259976</a>
CIELab	<a href="#">72.65, -49.32, 53.69</a>
CIELCh	<a href="#">73, 72.898, 132.570</a>
Yxy	<a href="#">44.6297, 0.3262, 0.5194</a>
Android (android.graphics.Color)	<a href="#">4285450056 (0xFF6EC748)</a>
YUV	<a href="#">157.9110, -42.3541, -42.0179</a>
Hunter-Lab	<a href="#">66.8055, -42.0325, 34.9882</a>

# Details

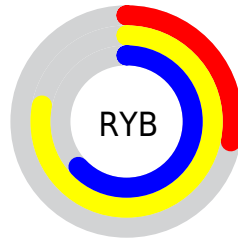
The Hex color **6EC748** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **A148C7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A7FF7E**, and **32900A** is the 20% darker color. If you saturate the color by 10%, you get **60C734**, and if you desaturate by 10%, it is **7CC75C**.

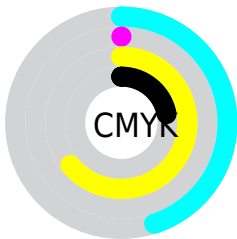
# Distribution



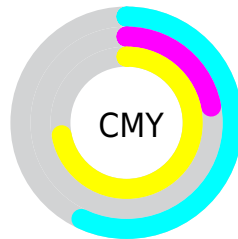
- Red (43%)
- Green (78%)
- Blue (28%)



- Red (28%)
- Yellow (78%)
- Blue (63%)



- Cyan (45%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EC748 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 6EC748 by changing the saturation by 10% instead.



 6EC748

 6EC748

FFFFFF

 51AB2D

 A7FF7E

 32900A

 C4FF99

 067600

 E2FFB5

 005C00

 FFFFD1

 004400

 FFFFEE

 002E00

 001100

 000000

 6EC748

 6EC748

 60C734

 7CC75C

 52C720

 8AC770

 44C70C

 98C784

 3CC700

 A6C798

 B4C7AC

 C2C7BF

 D0C7D3

 DEC7E7

 ECC7FB

# Harmonies

## Analogous

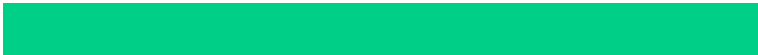
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9B816



6EC748



00CF88

# Triad

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



6EC748



00C4FF



FF7199

# Complementary

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



6EC748



A148C7

# 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.



FF78DC



6EC748



5BB0FF

# Square

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



6EC748



00CFFF



D994FF



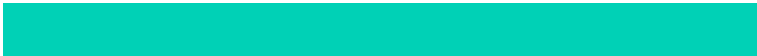
FF855B

# Rectangle

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



6EC748



00D1B6



D994FF



FF70AF

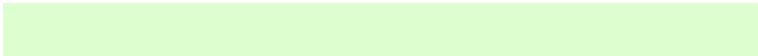


# Sweetspot

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



6EC748



DFFCF



C7A148



6B8062



000000



808080



# Same Dimension

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



6EC748



75FF3B



48C761



5C635A



31A300



0B2400



# Inverse Universe

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



A148C7



C43BFF



C748AE



605A63



7200A3



190024



# Previews

## White Background



This preview shows how the Hex color 6EC748 looks on a white background.

## Color Contrast Check

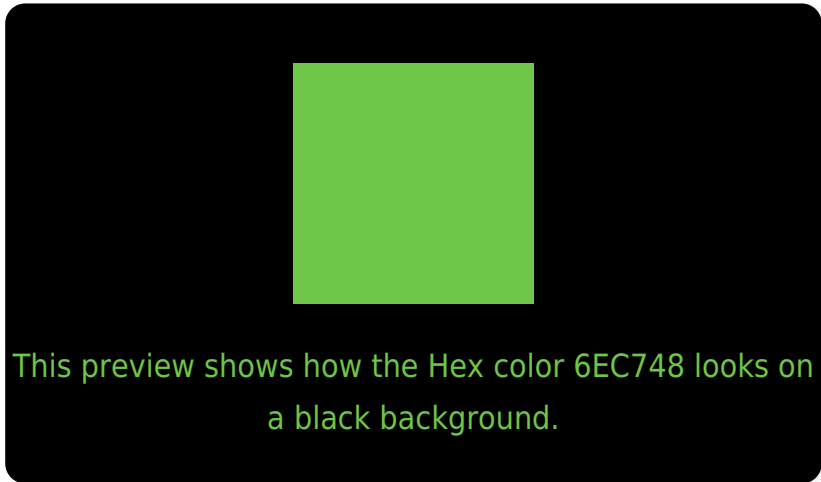
Large Text (above 18pt) WCAG AA × Fail

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

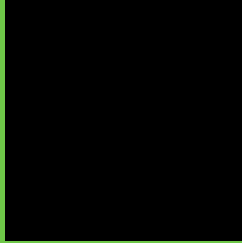
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EC748 Background



This preview shows how black text looks on a background with the Hex color 6EC748.

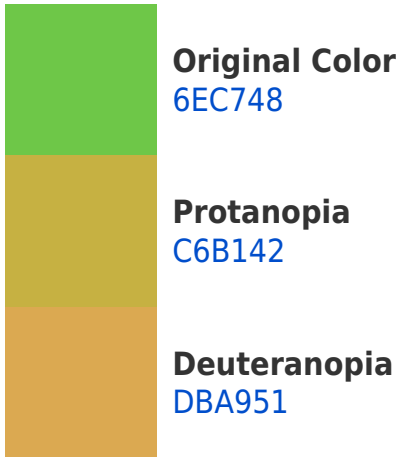


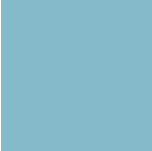
This preview shows how white text looks on a background with the Hex color 6EC748.

# 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**  
84BAC9

# Trichromacy



**Original Color**  
6EC748



**Protanomaly**  
A6B944



**Deuteranomaly**  
B3B44E



**Tritanomaly**  
7CBF9A

# Monochromacy



**Original Color**  
6EC748



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
8DAD7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EC748 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 #6EC748 looks like.

```
.text, #text, p{  
    color:#6EC748  
}
```

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 #6EC748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC748
}
```

## Border

The CSS property to change the border of an element to Hex 6EC748 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
#6EC748 }
```

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

```
.border{ border-color:#6EC748 }
```

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

Here you see how a box with a 4 pixel #6EC748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC748; -webkit-box-shadow:4px 4px  
4px 4px #6EC748; box-shadow:4px 4px 4px  
4px #6EC748 }
```

# Background

The CSS property to change the background color of an element to Hex 6EC748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC748 }
```

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

```
.background{ background-color:#6EC748 }
```

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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