

Converting Colors

Hex(6EB96E)

Have a look what the booklet for
Hex(6EB96E) contains.

| | |
|--|----|
| Hex(6EB96E) | 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(6EB96E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6EB96E |
| RGB | 110, 185, 110 |
| RGB Percent | 43%, 73%, 43% |
| CMY | 0.5686, 0.2745, 0.5686 |
| CMYK | 0.41, 0.00, 0.41, 0.27 |
| HSL | 120°, 35%, 58% |
| HSV | 120°, 41%, 73% |
| XYZ | 26.5938, 39.1387, 20.9047 |
| YIQ | 154.0250, -20.6250, -39.2250 |

Conversions

Conversions Part 2

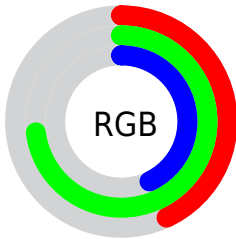
| Format | Color |
|-------------------------------------|--|
| RYB | 110, 185, 185 |
| Decimal | 7256430 |
| CIELab | 68.85, -38.71, 30.92 |
| CIElCh | 69, 49.543, 141.388 |
| Yxy | 39.1387, 0.3070, 0.4518 |
| Android (android.graphics.Color) | 4285446510 (0xFF6EB96E) |
| YUV | 154.0250, -21.7043, -38.6099 |
| Hunter-Lab | 62.5609, -33.6036, 23.9809 |

Details

The Hex color **6EB96E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B96EB9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A5F2A2**, and **38833D** is the 20% darker color. If you saturate the color by 10%, you get **5CB95C**, and if you desaturate by 10%, it is **81B981**.

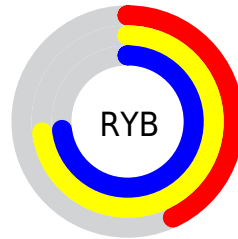
Distribution



Red (43%)

Green (73%)

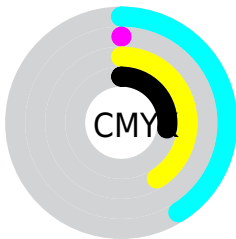
Blue (43%)



Red (43%)

Yellow (73%)

Blue (73%)

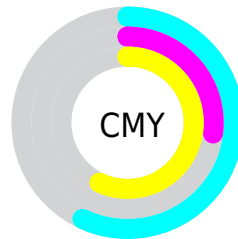


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (27%)



Cyan (57%)

Magenta (27%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB96E 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 6EB96E by changing the saturation by 10% instead.

 6EB96E

 6EB96E

FFFFFF

 539E55

 A5F2A2

 38833D

 C1FFBE

 1A6A25

 DEFFDA

 00510D

 FBFFF6

 003900

 002500

 000000

 6EB96E

 6EB96E

 5CB95C

 81B981

 49B949


 93B993

 36B936

 A5B9A5

 24B924

 B8B9B8

 11B911

 CBB9CB

 00B900

 DDB9DD

 EFB9EF

 FFB9FF

Harmonies

Analogous

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



A3AF51



6EB96E



00BE99

Triad

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



6EB96E



2DB1FF



FC848A

Complementary

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



6EB96E



B96EB9

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.



F584B7



6EB96E



97A1FC

Square

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



6EB96E



00BAED



D390E0



EE9163

Rectangle

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



6EB96E



00BFB8



D390E0



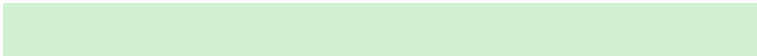
FD8299

Sweetspot

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



6EB96E



D3F0D3



B9B96E



677867



F7F7F7



787878

Same Dimension

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



6EB96E



7AF07A



6EB993



535C53



009C00



001C00

Inverse Universe

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



B96EB9



F07AF0



B96E93



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 6EB96E looks on a white background.

Color Contrast Check

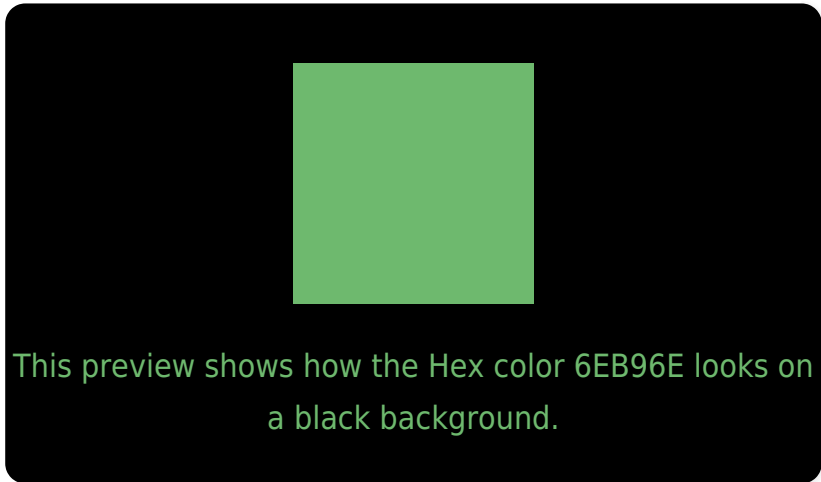
Large Text (above 18pt) WCAG AA × Fail

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

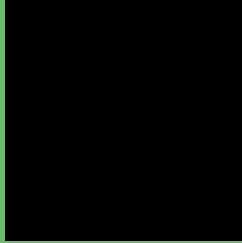
Any Text WCAG AA ✓ Pass

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 6EB96E Background



This preview shows how black text looks on a background with the Hex color 6EB96E.

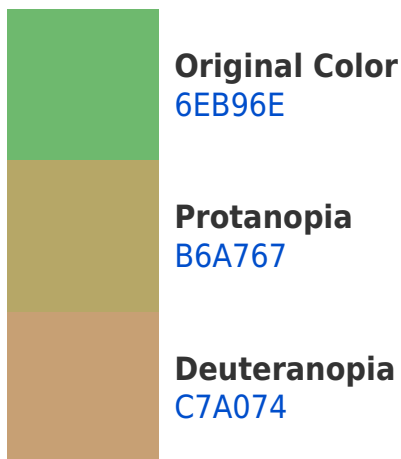


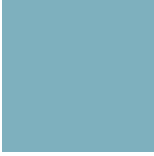
This preview shows how white text looks on a background with the Hex color 6EB96E.

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](#).

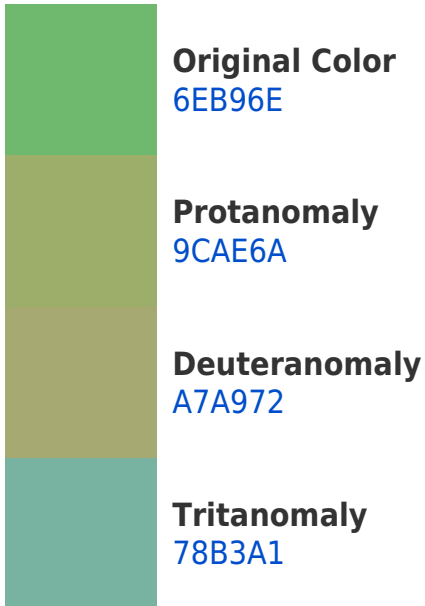
Dichromacy



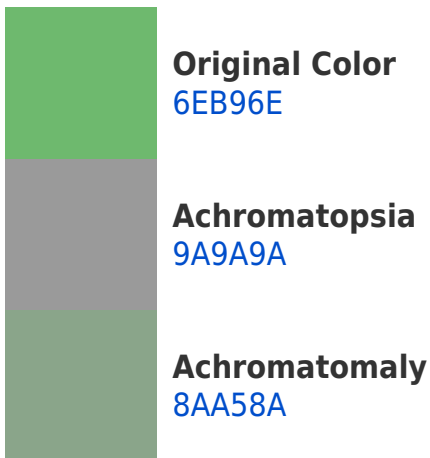


Tritanopia
7EBOBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB96E 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 #6EB96E looks like.

```
.text, #text, p{  
    color:#6EB96E  
}
```

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 #6EB96E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB96E
}
```

Border

The CSS property to change the border of an element to Hex 6EB96E 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
#6EB96E }
```

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

```
.border{ border-color:#6EB96E }
```

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

Here you see how a box with a 4 pixel #6EB96E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB96E; -webkit-box-shadow:4px 4px  
4px 4px #6EB96E; box-shadow:4px 4px 4px  
4px #6EB96E }
```

Background

The CSS property to change the background color of an element to Hex 6EB96E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB96E }
```

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

```
.background{ background-color:#6EB96E }
```

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