

# Converting Colors

Hex(6EDB5E)

Have a look what the booklet for  
Hex(6EDB5E) contains.

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# Color

Hex(6EDB5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6EDB5E
RGB	110, 219, 94
RGB Percent	43%, 86%, 37%
CMY	0.5686, 0.1412, 0.6314
CMYK	0.50, 0.00, 0.57, 0.14
HSL	112°, 63%, 61%
HSV	112°, 57%, 86%
XYZ	33.7823, 54.7862, 19.3840
YIQ	172.1590, -24.8390, -61.9830

# Conversions

## Conversions Part 2

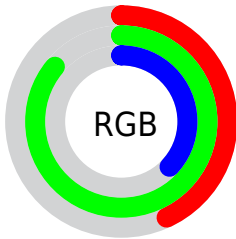
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 219, 203
Decimal	7265118
CIELab	78.92, -54.95, 51.14
CIELCh	79, 75.068, 137.057
Yxy	54.7862, 0.3129, 0.5075
Android (android.graphics.Color)	4285455198 (0xFF6EDB5E)
YUV	172.1590, -38.5324, -54.5134
Hunter-Lab	74.0177, -48.0620, 36.2854

# Details

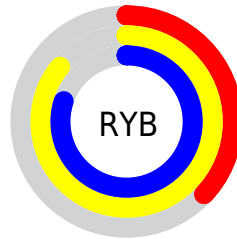
The Hex color **6EDB5E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **CB5EDB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A9FF94**, and **2EA328** is the 20% darker color. If you saturate the color by 10%, you get **5BDB48**, and if you desaturate by 10%, it is **81DB74**.

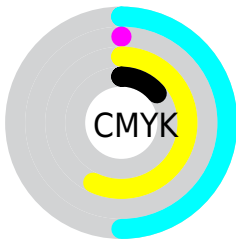
# Distribution



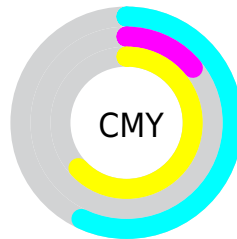
- Red (43%)
- Green (86%)
- Blue (37%)



- Red (37%)
- Yellow (86%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (57%)
- Black (14%)



- Cyan (57%)
- Magenta (14%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EDB5E 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 6EDB5E by changing the saturation by 10% instead.



 6EDB5E

 6EDB5E

FFFFFF

 50BF44

 A9FF94

 2EA328

 C6FFAF

 008805

 E4FFCC

 006E00

 FFFFE8

 005400

 003C00

 002500

 000000

 6EDB5E

 6EDB5E

 5BDB48

 81DB74

 48DB32

 94DB8A

 35DB1C

 A7DBA0

 22DB06

 BADBB6

 1CDB00

 CDDBBC

 E1DBE1

 F4DBF7

 FFDBFF

# Harmonies

## Analogous

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



C1CC2B



6EDB5E



00E3A2

# Triad

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



6EDB5E



00D4FF



FF829E

# Complementary

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



6EDB5E



CB5EDB

# Split Complementary

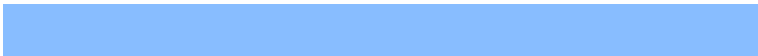
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF85E5



6EDB5E



88BDFE

# Square

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



6EDB5E



00E0FF



F99FFF



FF995F

# Rectangle

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



6EDB5E



00E5D2



F99FFF



FF80B6

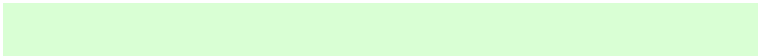


# Sweetspot

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



6EDB5E



D9FFD4



DBCA5E



698066



000000



808080



# Same Dimension

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



6EDB5E



68FF52



5EDB8C



646E63



16AD00



062E00



# Inverse Universe

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



CB5EDB



E952FF



DB5EAD



6C636E



9700AD



28002E



# Previews

## White Background



This preview shows how the Hex color 6EDB5E looks on a white background.

## Color Contrast Check

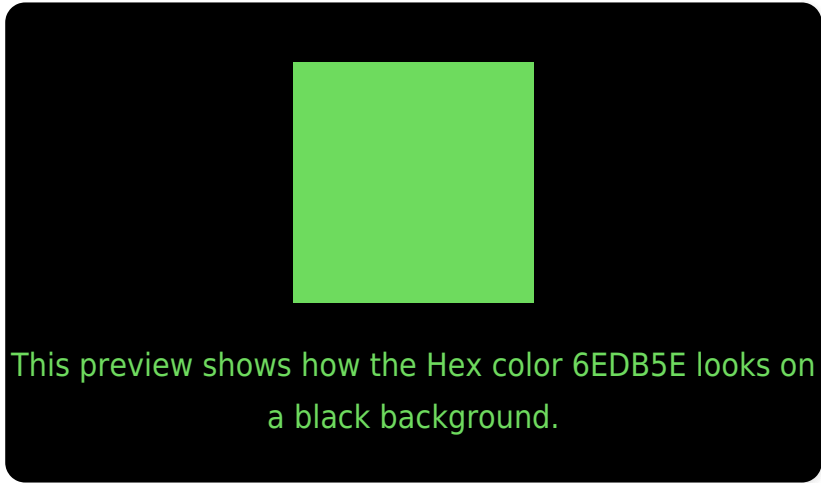
Large Text (above 18pt) WCAG AA × Fail

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 6EDB5E Background



This preview shows how black text looks on a background with the Hex color 6EDB5E.

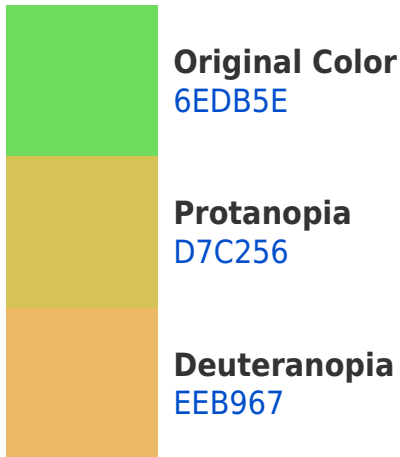


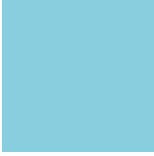
This preview shows how white text looks on a background with the Hex color 6EDB5E.

# 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](#).

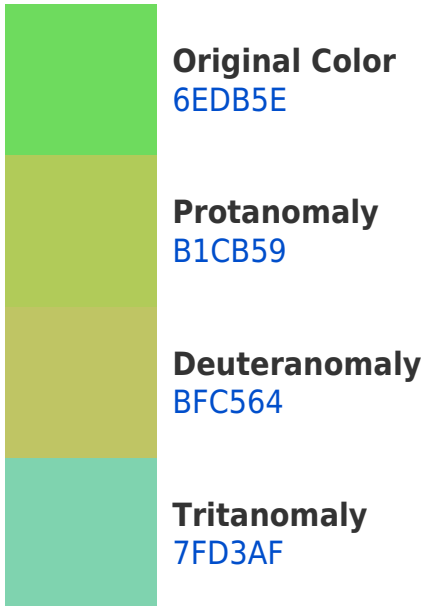
## Dichromacy



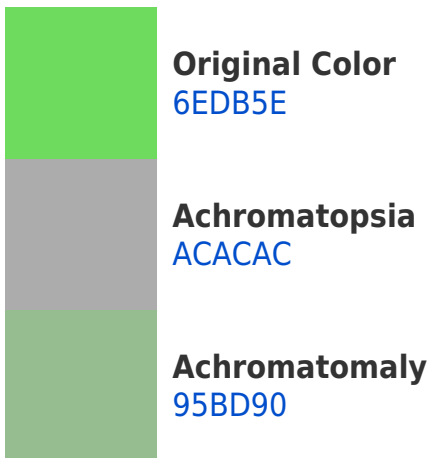


**Tritanopia**  
88CEDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EDB5E 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 #6EDB5E looks like.

```
.text, #text, p{  
    color:#6EDB5E  
}
```

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 #6EDB5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EDB5E
}
```

## Border

The CSS property to change the border of an element to Hex 6EDB5E 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
#6EDB5E }
```

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

```
.border{ border-color:#6EDB5E }
```

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

Here you see how a box with a 4 pixel #6EDB5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EDB5E; -webkit-box-shadow:4px 4px  
4px 4px #6EDB5E; box-shadow:4px 4px 4px  
4px #6EDB5E }
```

# Background

The CSS property to change the background color of an element to Hex 6EDB5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EDB5E }
```

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

```
.background{ background-color:#6EDB5E }
```

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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