

# Converting Colors

Hex(E6EF68)

Have a look what the booklet for  
Hex(E6EF68) contains.

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# **Color**

**Hex(E6EF68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6EF68
RGB	230, 239, 104
RGB Percent	90%, 94%, 41%
CMY	0.0980, 0.0627, 0.5922
CMYK	0.04, 0.00, 0.56, 0.06
HSL	64°, 81%, 67%
HSV	64°, 56%, 94%
XYZ	65.9983, 79.5555, 24.9740
YIQ	220.9190, 37.9710, -43.8930

# Conversions

## Conversions Part 2

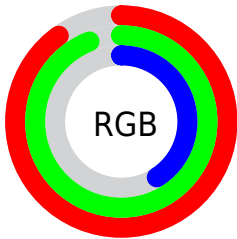
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 239, 113
Decimal	15134568
CIELab	91.49, -20.54, 62.89
CIELCh	91, 66.162, 108.084
Yxy	79.5555, 0.3870, 0.4665
Android (android.graphics.Color)	4293324648 (0xFFE6EF68)
YUV	220.9190, -57.6411, 7.9640
Hunter-Lab	89.1939, -24.0096, 45.8347

# Details

The Hex color **E6EF68** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7168EF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF9F**, and **ACB730** is the 20% darker color. If you saturate the color by 10%, you get **E4EF50**, and if you desaturate by 10%, it is **E8EF80**.

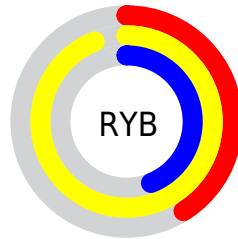
# Distribution



Red (90%)

Green (94%)

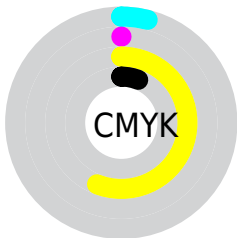
Blue (41%)



Red (41%)

Yellow (94%)

Blue (44%)

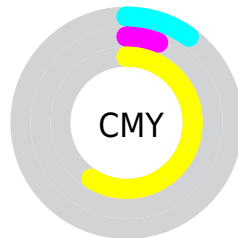


Cyan (4%)

Magenta (0%)

Yellow (56%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6EF68 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 E6EF68 by changing the saturation by 10% instead.



 E6EF68

 E6EF68

FFFFFF

 C9D34D

 FFFF9F

 ACB730

 FFFFBB

 8F9C0A

 FFFFD8


 748200

 FFFFF5

 596900

 3E5100

 243A00

 082500

 000A00

 E6EF68

 E6EF68

 E4EF50

 E8EF80

 E3EF38

 E9EF98

 E1EF20

 EBEBF0

 E0EF08

 ECEFC8

 DFEF00

 EEEFDF

 F0EFF7

 F1EFFF

 F3EFFF

 F4EFFF

# Harmonies

## Analogous

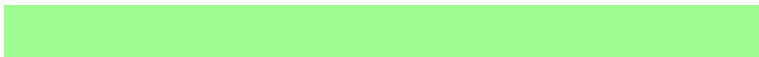
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDA67



E6EF68



9DFD8E

# Triad

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



E6EF68



00FFFF



FFB3FF

# Complementary

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



E6EF68



7168EF

# 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.



FFC7FF



E6EF68



00F5FF

# Square

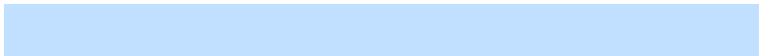
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6EF68



00FFFF



C1E0FF



FFB2C3

# Rectangle

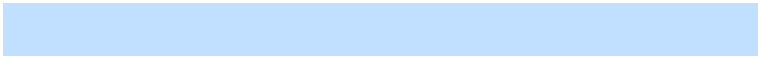
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6EF68



57FFB5



C1E0FF



FFB8FF



# Sweetspot

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



E6EF68



FCFFD4



EF7168



7E8066



000000



808080



# Same Dimension

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



E6EF68



F3FF52



A2EF68



77786C



ABB800



343800



# Inverse Universe

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



7168EF



5D52FF



B468EF



6D6C78



0C00B8

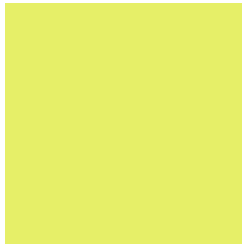


040038



# Previews

## White Background



This preview shows how the Hex color E6EF68 looks on a white background.

## Color Contrast Check

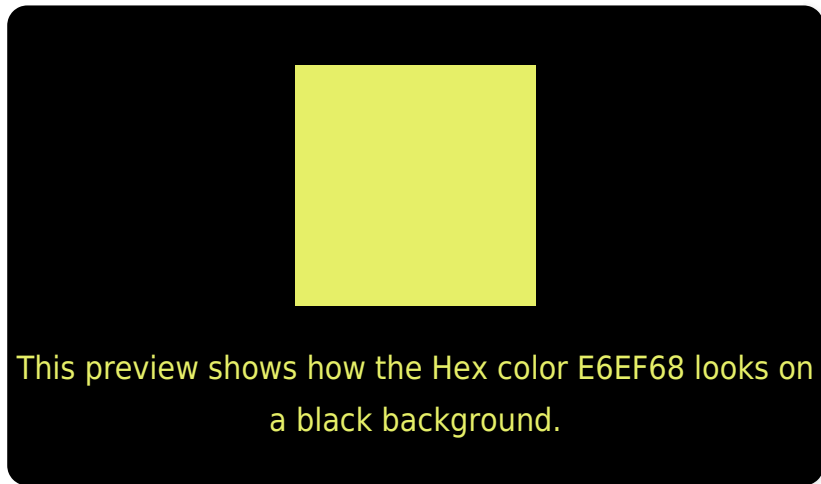
Large Text (above 18pt) WCAG AA × Fail

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 E6EF68 Background



This preview shows how black text looks on a background with the Hex color E6EF68.

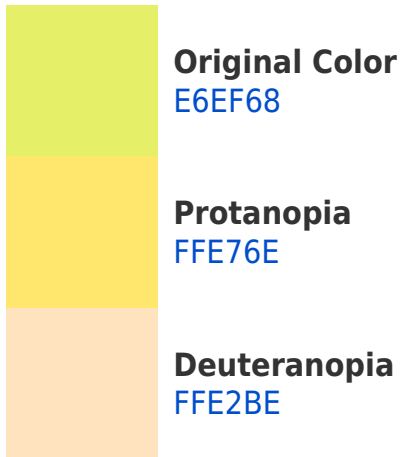


This preview shows how white text looks on a background with the Hex color E6EF68.

# 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](#).

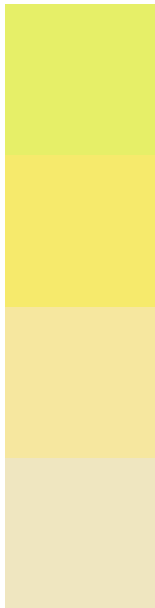
## Dichromacy





**Tritanopia**  
F4E1F2

# Trichromacy



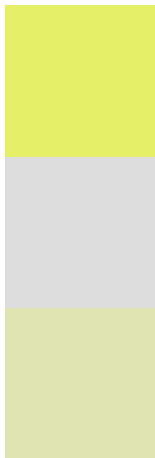
**Original Color**  
E6EF68

**Protanomaly**  
F6EA6C

**Deuteranomaly**  
F6E79F

**Tritanomaly**  
EFE6C0

# Monochromacy



**Original Color**  
E6EF68

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
E0E4B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6EF68 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 #E6EF68 looks like.

```
.text, #text, p{  
    color:#E6EF68  
}
```

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 #E6EF68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6EF68
}
```

## Border

The CSS property to change the border of an element to Hex E6EF68 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
#E6EF68 }
```

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

```
.border{ border-color:#E6EF68 }
```

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

Here you see how a box with a 4 pixel #E6EF68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6EF68; -webkit-box-shadow:4px 4px  
4px 4px #E6EF68; box-shadow:4px 4px 4px  
4px #E6EF68 }
```

# Background

The CSS property to change the background color of an element to Hex E6EF68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6EF68 }
```

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

```
.background{ background-color:#E6EF68 }
```

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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