

Converting Colors

Hex(E5EF76)

Have a look what the booklet for
Hex(E5EF76) contains.

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Color

Hex(E5EF76)

Conversions

Conversions Part 1

Format	Color
Hex	E5EF76
RGB	229, 239, 118
RGB Percent	90%, 94%, 46%
CMY	0.1020, 0.0627, 0.5373
CMYK	0.04, 0.00, 0.51, 0.06
HSL	65°, 79%, 70%
HSV	65°, 51%, 94%
XYZ	66.4496, 79.6990, 29.0207
YIQ	222.2160, 32.8810, -39.7510

Conversions

Conversions Part 2

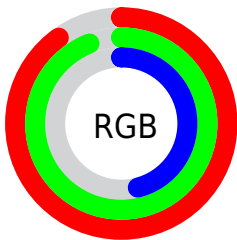
Format	Color
RYB	118, 239, 128
Decimal	15069046
CIELab	91.55, -19.81, 56.72
CIElCh	92, 60.080, 109.252
Yxy	79.6990, 0.3793, 0.4550
Android (android.graphics.Color)	4293259126 (0xFFE5EF76)
YUV	222.2160, -51.3785, 5.9496
Hunter-Lab	89.2743, -23.3670, 43.2184

Details

The Hex color **E5EF76** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8076EF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFAD**, and **ABB740** is the 20% darker color. If you saturate the color by 10%, you get **E3EF5E**, and if you desaturate by 10%, it is **E7EF8E**.

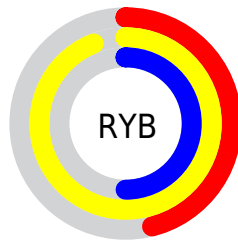
Distribution



Red (90%)

Green (94%)

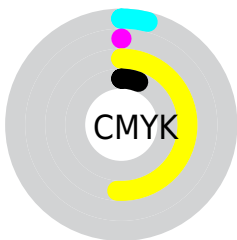
Blue (46%)



Red (46%)

Yellow (94%)

Blue (50%)

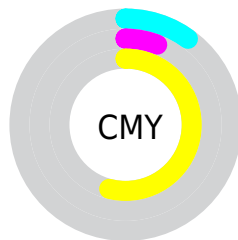


Cyan (4%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5EF76 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 E5EF76 by changing the saturation by 10% instead.

 E5EF76

 E5EF76

FFFFFF

 C8D35B

 FFFFAD

 ABB740

 FFFFC9

 8F9C24

 FFFFEE

 748200

 596900

 405100

 253A00

 0A2400

 000B00

 E5EF76

 E5EF76

 E3EF5E

 E7EF8E

 E1EF46

 E9EFA6

 DFEF2E

 EBEFBE

 DDEF16

 EDEFD6

 DBEF00

 EFEFED

 F1EFFF

 F3EFFF

 F5EFFF

 F7EFFF

Harmonies

Analogous

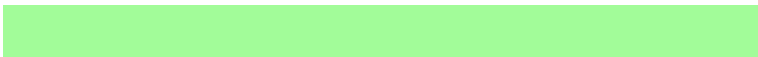
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC74



E5EF76



A2FC99

Triad

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



E5EF76



00FFFF



FFB9FE

Complementary

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



E5EF76



8076EF

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.



FFC9FF



E5EF76



48F3FF

Square

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



E5EF76



00FFFF



CBE0FF



FFB9C4

Rectangle

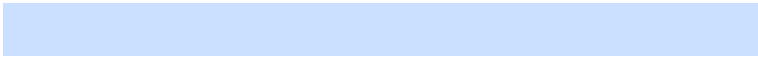
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5EF76



69FFBC



CBE0FF



FFBDFF

Sweetspot

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



E5EF76



FCFFD9



EF7E76



7E8069



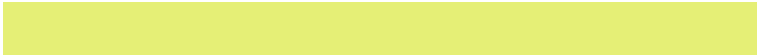
000000



808080

Same Dimension

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



E5EF76



F2FF63



AAEF76



77786C



A8B800



333800

Inverse Universe

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



8076EF



7063FF



BB76EF



6D6C78



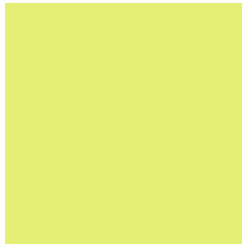
0F00B8



050038

Previews

White Background



This preview shows how the Hex color E5EF76 looks on a white background.

Color Contrast Check

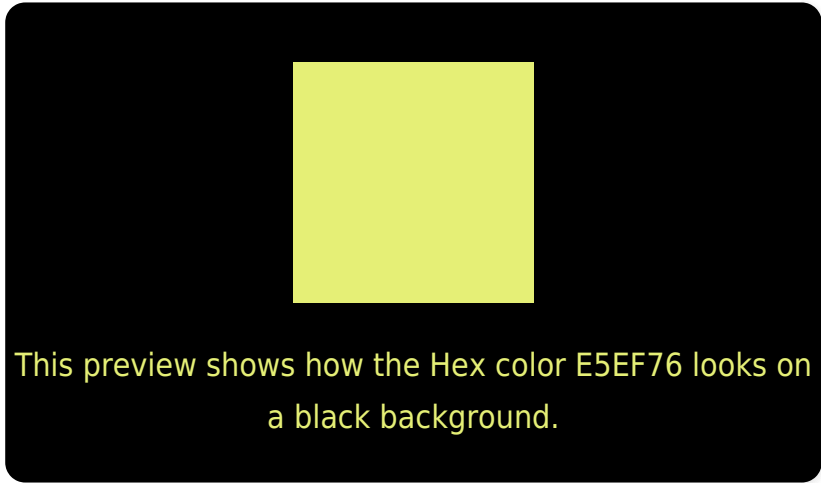
Large Text (above 18pt) WCAG AA × Fail

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 E5EF76 Background



This preview shows how black text looks on a background with the Hex color E5EF76.

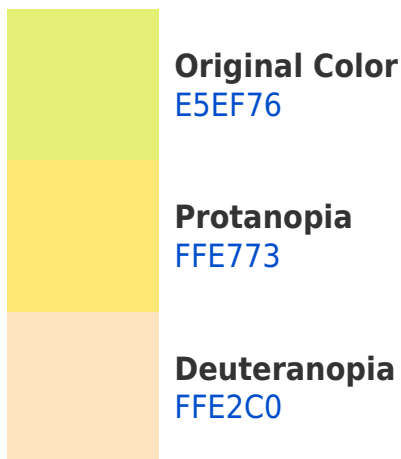


This preview shows how white text looks on a background with the Hex color E5EF76.

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](#).

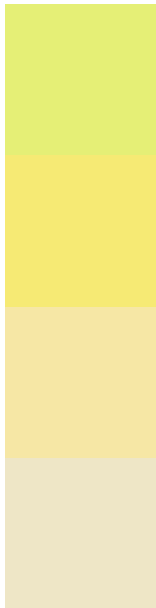
Dichromacy





Tritanopia
F3E1F3

Trichromacy



Original Color
E5EF76

Protanomaly
F6EA74

Deuteranomaly
F6E7A5

Tritanomaly
EEE6C6

Monochromacy



Original Color
E5EF76

Achromatopsia
DEDEDE

Achromatomaly
E1E4B8

CSS Examples

Text

The CSS property to change the color of the text to Hex E5EF76 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 #E5EF76 looks like.

```
.text, #text, p{  
    color:#E5EF76  
}
```

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 #E5EF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5EF76
}
```

Border

The CSS property to change the border of an element to Hex E5EF76 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
#E5EF76 }
```

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

```
.border{ border-color:#E5EF76 }
```

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

Here you see how a box with a 4 pixel #E5EF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5EF76; -webkit-box-shadow:4px 4px  
4px 4px #E5EF76; box-shadow:4px 4px 4px  
4px #E5EF76 }
```

Background

The CSS property to change the background color of an element to Hex E5EF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5EF76 }
```

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

```
.background{ background-color:#E5EF76 }
```

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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