

Converting Colors

Hex(E6FE5D)

Have a look what the booklet for
Hex(E6FE5D) contains.

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Color

Hex(E6FE5D)

Conversions

Conversions Part 1

Format	Color
Hex	E6FE5D
RGB	230, 254, 93
RGB Percent	90%, 100%, 36%
CMY	0.0980, 0.0039, 0.6353
CMYK	0.09, 0.00, 0.63, 0.00
HSL	69°, 99%, 68%
HSV	69°, 63%, 100%
XYZ	70.0507, 88.4969, 23.7455
YIQ	228.4700, 37.3770, -55.1590

Conversions

Conversions Part 2

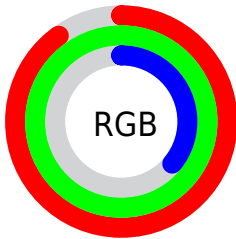
Format	Color
RYB	93, 254, 117
Decimal	15138397
CIELab	95.37, -28.40, 71.63
CIElCh	95, 77.057, 111.627
Yxy	88.4969, 0.3843, 0.4855
Android (android.graphics.Color)	4293328477 (0xFFE6FE5D)
YUV	228.4700, -66.7867, 1.3418
Hunter-Lab	94.0728, -31.7085, 50.8852

Details

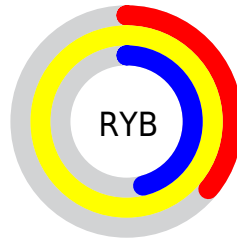
The Hex color **E6FE5D** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **755DFE**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF96**, and **ABC51D** is the 20% darker color. If you saturate the color by 10%, you get **E2FE44**, and if you desaturate by 10%, it is **EAFE76**.

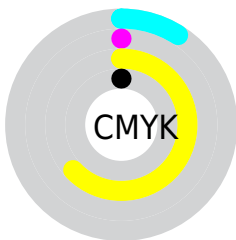
Distribution



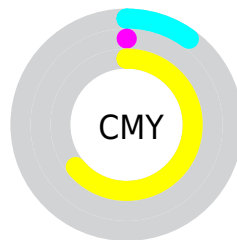
- Red (90%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (46%)



- Cyan (9%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6FE5D 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 E6FE5D by changing the saturation by 10% instead.

 E6FE5D

 E6FE5D

FFFFFF

 C8E140

 FFFF96

 ABC51D

 FFFFB2

 8FAA00

 FFFFCF

 729000

 FFFFED

 577600

 3B5D00

 1E4500

 002F00

 001B00

 E6FE5D

 E6FE5D

 E2FE44

 EAFE76

 DEFE2A

 EEFE90

 DBFE11

 F1FEA9

 D8FE00

 F5FEC3

 F9FEDC

 FDFEF5

FFFEFF

Harmonies

Analogous

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



FFE756



E6FE5D



8BFF91

Triad

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



E6FE5D



00FFFF



FFB1FF

Complementary

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



E6FE5D



755DFE

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.



FFC8FF



E6FE5D



00FFFF

Square

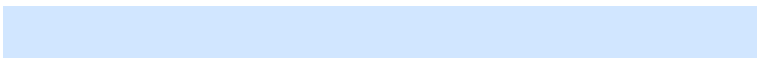
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6FE5D



00FFFF



D1E6FF



FFB2BF

Rectangle

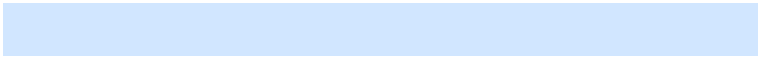
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6FE5D



00FFC0



D1E6FF



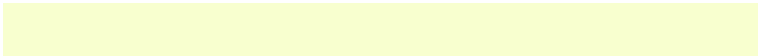
FFB6FF

Sweetspot

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



E6FE5D



F8FFCF



FE725D



7B8062



000000



808080

Same Dimension

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



E6FE5D



E2FF3D



98FE5D



7E8073



A3BF00



364000

Inverse Universe

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



755DFE



5A3DFF



C35DFE



757380



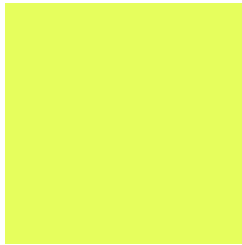
1D00BF



0A0040

Previews

White Background



This preview shows how the Hex color E6FE5D looks on a white background.

Color Contrast Check

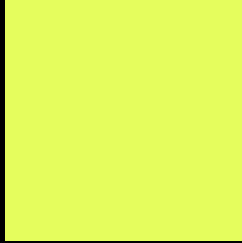
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E6FE5D looks on a 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 E6FE5D Background



This preview shows how black text looks on a background with the Hex color E6FE5D.

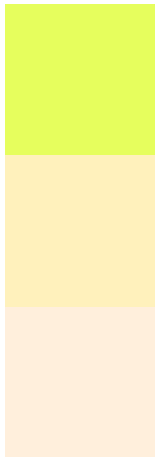


This preview shows how white text looks on a background with the Hex color E6FE5D.

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



Original Color
E6FE5D

Protanopia
FFF1BC

Deuteranopia
FFEFD8

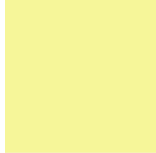


Tritanopia
F6EEFF

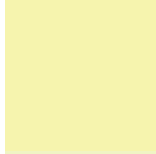
Trichromacy



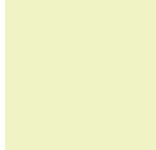
Original Color
E6FE5D



Protanomaly
F6F699



Deuteranomaly
F6F4AE

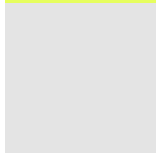


Tritanomaly
F0F4C4

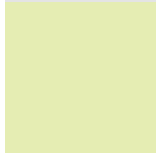
Monochromacy



Original Color
E6FE5D



Achromatopsia
E4E4E4



Achromatomaly
E5EDB3

CSS Examples

Text

The CSS property to change the color of the text to Hex E6FE5D 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 #E6FE5D looks like.

```
.text, #text, p{  
    color:#E6FE5D  
}
```

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 #E6FE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FE5D
}
```

Border

The CSS property to change the border of an element to Hex E6FE5D 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
#E6FE5D }
```

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

```
.border{ border-color:#E6FE5D }
```

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

Here you see how a box with a 4 pixel #E6FE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FE5D; -webkit-box-shadow:4px 4px  
4px 4px #E6FE5D; box-shadow:4px 4px 4px  
4px #E6FE5D }
```

Background

The CSS property to change the background color of an element to Hex E6FE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FE5D }
```

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

```
.background{ background-color:#E6FE5D }
```

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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