

Converting Colors

Hex(E6EC5F)

Have a look what the booklet for
Hex(E6EC5F) contains.

Hex(E6EC5F)	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(E6EC5F)

Conversions

Conversions Part 1

Format	Color
Hex	E6EC5F
RGB	230, 236, 95
RGB Percent	90%, 93%, 37%
CMY	0.0980, 0.0745, 0.6275
CMYK	0.03, 0.00, 0.60, 0.07
HSL	63°, 79%, 65%
HSV	63°, 60%, 93%
XYZ	64.6941, 77.6401, 22.4028
YIQ	218.1320, 41.6850, -45.1230

Conversions

Conversions Part 2

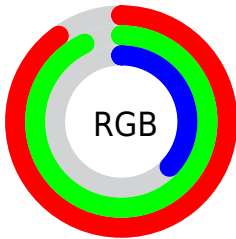
Format	Color
RYB	95, 236, 101
Decimal	15133791
CIELab	90.62, -19.73, 65.75
CIELCh	91, 68.644, 106.700
Yxy	77.6401, 0.3927, 0.4713
Android (android.graphics.Color)	4293323871 (0xFFE6EC5F)
YUV	218.1320, -60.7041, 10.4082
Hunter-Lab	88.1136, -23.1419, 46.6051

Details

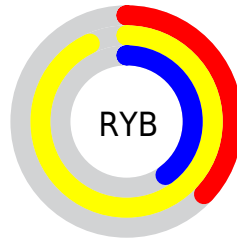
The Hex color **E6EC5F** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **655FEC**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF96**, and **ACB424** is the 20% darker color. If you saturate the color by 10%, you get **E5EC47**, and if you desaturate by 10%, it is **E7EC77**.

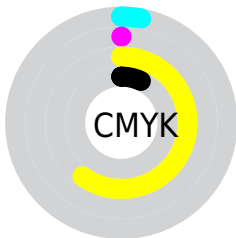
Distribution



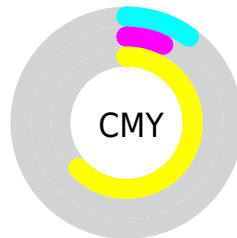
- Red (90%)
- Green (93%)
- Blue (37%)



- Red (37%)
- Yellow (93%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6EC5F 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 E6EC5F by changing the saturation by 10% instead.

 E6EC5F

 E6EC5F

FFFFFF

 C8D043

 FFFF96

 ACB424

 FFFFB3

 8F9A00

 FFFFCF

 738000

 FFFFED

 586700

 3D4F00

 233800

 072300

 000400

 E6EC5F

 E6EC5F

 E5EC47

 E7EC77

 E4EC30

 E8EC8E

 E3EC18

 E9ECA6

 E2EC01

 EAECBD

 E2EC00

 EBEC D5

 EC EC ED

 ED EC FF

 EE EC FF

 EF EC FF

Harmonies

Analogous

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



FFD660



E6EC5F



9BFB86

Triad

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



E6EC5F



00FFFF



FFAFFF

Complementary

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



E6EC5F



655FEC

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.



FFC4FF



E6EC5F



00F4FF

Square

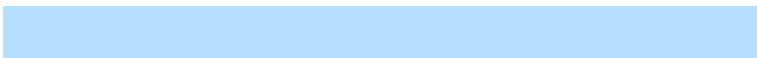
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6EC5F



00FFFF



B5DEFF



FFACC2

Rectangle

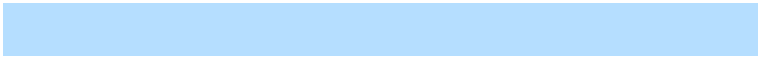
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6EC5F



51FFAE



B5DEFF



FFB4FF

Sweetspot

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



E6EC5F



FDFFD1



EC645F



7E8063



000000



808080

Same Dimension

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



E6EC5F



F7FF47



A1EC5F



75756A



ADB500



333600

Inverse Universe

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



655FEC



4F47FF



AA5FEC



6A6A75



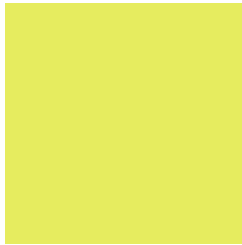
0800B5



020036

Previews

White Background



This preview shows how the Hex color E6EC5F looks on a white background.

Color Contrast Check

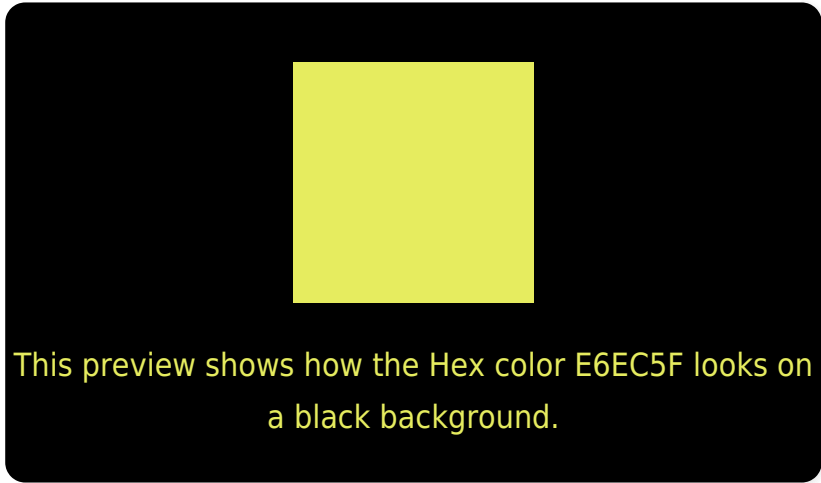
Large Text (above 18pt) WCAG AA × Fail

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 E6EC5F Background



This preview shows how black text looks on a background with the Hex color E6EC5F.

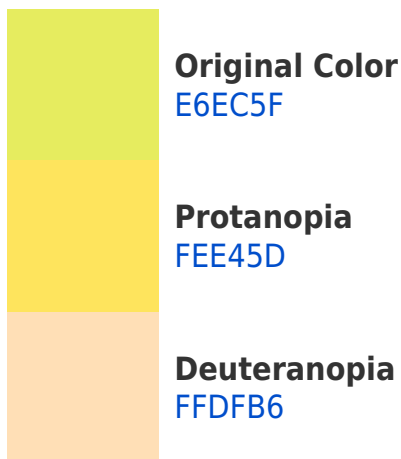


This preview shows how white text looks on a background with the Hex color E6EC5F.

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](#).

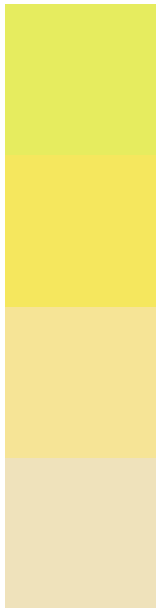
Dichromacy





Tritanopia
F4DDEF

Trichromacy



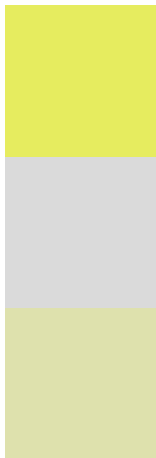
Original Color
E6EC5F

Protanomaly
F5E75E

Deuteranomaly
F6E496

Tritanomaly
EFE2BB

Monochromacy



Original Color
E6EC5F

Achromatopsia
DADADA

Achromatomaly
DEE1AD

CSS Examples

Text

The CSS property to change the color of the text to Hex E6EC5F 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 #E6EC5F looks like.

```
.text, #text, p{  
    color:#E6EC5F  
}
```

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 #E6EC5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6EC5F
}
```

Border

The CSS property to change the border of an element to Hex E6EC5F 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
#E6EC5F }
```

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

```
.border{ border-color:#E6EC5F }
```

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

Here you see how a box with a 4 pixel #E6EC5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6EC5F; -webkit-box-shadow:4px 4px  
4px 4px #E6EC5F; box-shadow:4px 4px 4px  
4px #E6EC5F }
```

Background

The CSS property to change the background color of an element to Hex E6EC5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6EC5F }
```

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

```
.background{ background-color:#E6EC5F }
```

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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