

# Converting Colors

Hex(E4F577)

Have a look what the booklet for  
Hex(E4F577) contains.

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**Color**

**Hex(E4F577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F577
RGB	228, 245, 119
RGB Percent	89%, 96%, 47%
CMY	0.1059, 0.0392, 0.5333
CMYK	0.07, 0.00, 0.51, 0.04
HSL	68°, 86%, 71%
HSV	68°, 51%, 96%
XYZ	67.9771, 83.1307, 29.9158
YIQ	225.5530, 30.3140, -42.7900

# Conversions

## Conversions Part 2

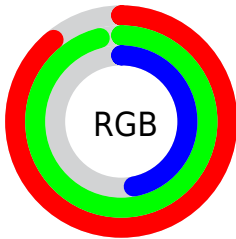
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 245, 136
Decimal	15005047
CIELab	93.07, -23.00, 58.03
CIElCh	93, 62.424, 111.615
Yxy	83.1307, 0.3755, 0.4592
Android (android.graphics.Color)	4293195127 (0xFFE4F577)
YUV	225.5530, -52.5306, 2.1460
Hunter-Lab	91.1760, -26.4758, 44.3696

# Details

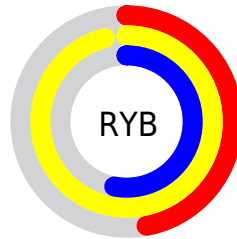
The Hex color **E4F577** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8877F5**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFAE**, and **AABD41** is the 20% darker color. If you saturate the color by 10%, you get **E1F55E**, and if you desaturate by 10%, it is **E7F58F**.

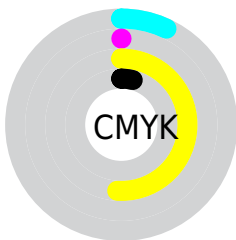
# Distribution



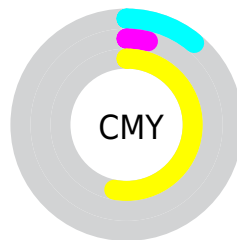
- Red (89%)
- Green (96%)
- Blue (47%)



- Red (47%)
- Yellow (96%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (51%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4F577 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 E4F577 by changing the saturation by 10% instead.



 E4F577

 E4F577

FFFFFF

 C7D95C

 FFFFAE

 AABD41

 FFFPCA

 8EA224

 FFFFE7

 738800

 586E00

 3E5600

 233F00

 072800

 001300

 E4F577

 E4F577

 E1F55E

 E7F58F

 DDF546

 EBF5A8

 DAF52D

 EEF5C0

 D7F515

 F1F5D9

 D4F500

 F5F5F2

 F8F5FF

 FBF5FF

 FEF5FF

 FFF5FF

# Harmonies

## Analogous

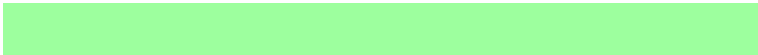
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE272



E4F577



9DFF9E

# Triad

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



E4F577



00FFFF



FFBBFF

# Complementary

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



E4F577



8877F5

# 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.



FFCBFF



E4F577



4FF6FF

# Square

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



E4F577



00FFFF



D5E2FF



FFBBC2

# Rectangle

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



E4F577



5CFFC3



D5E2FF



FFBEFF



# Sweetspot

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



E4F577



FAFFD9



F58877



7C8069



000000



808080



# Same Dimension

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



E4F577



EAFF61



A5F577



797A6E



A1BA00



333B00



# Inverse Universe

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



8877F5



7661FF



C777F5



706E7A



1900BA



08003B



# Previews

## White Background



This preview shows how the Hex color E4F577 looks on a white background.

## Color Contrast Check

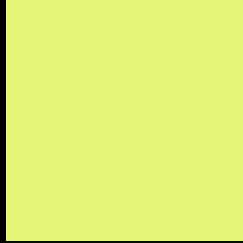
Large Text (above 18pt) WCAG AA × Fail

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 E4F577 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 E4F577 Background



This preview shows how black text looks on a background with the Hex color E4F577.

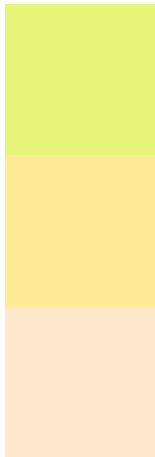


This preview shows how white text looks on a background with the Hex color E4F577.

# 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**  
E4F577

**Protanopia**  
FFEB95

**Deuteranopia**  
FFE7CC

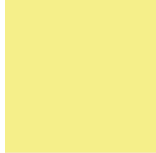


**Tritanopia**  
F3E7F9

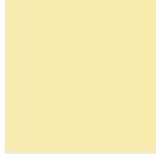
# Trichromacy



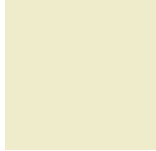
**Original Color**  
E4F577



**Protanomaly**  
F5EF8A



**Deuteranomaly**  
F5ECAD

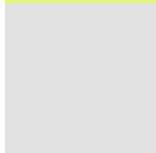


**Tritanomaly**  
EEEECA

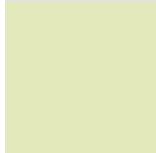
# Monochromacy



**Original Color**  
E4F577



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
E3E9BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4F577 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 #E4F577 looks like.

```
.text, #text, p{  
    color:#E4F577  
}
```

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 #E4F577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F577
}
```

## Border

The CSS property to change the border of an element to Hex E4F577 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
#E4F577 }
```

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

```
.border{ border-color:#E4F577 }
```

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

Here you see how a box with a 4 pixel #E4F577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F577; -webkit-box-shadow:4px 4px  
4px 4px #E4F577; box-shadow:4px 4px 4px  
4px #E4F577 }
```

# Background

The CSS property to change the background color of an element to Hex E4F577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F577 }
```

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

```
.background{ background-color:#E4F577 }
```

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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