

# Converting Colors

Hex(E9F72D)

Have a look what the booklet for  
Hex(E9F72D) contains.

<b>Hex(E9F72D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E9F72D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9F72D
RGB	233, 247, 45
RGB Percent	91%, 97%, 18%
CMY	0.0863, 0.0314, 0.8235
CMYK	0.06, 0.00, 0.82, 0.03
HSL	64°, 93%, 57%
HSV	64°, 82%, 97%
XYZ	67.3387, 84.0346, 15.1538
YIQ	219.7860, 56.4980, -65.7900

# Conversions

## Conversions Part 2

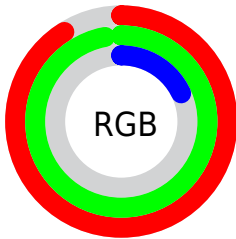
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 247, 59
Decimal	15333165
CIELab	93.47, -26.10, 85.09
CIElCh	93, 89.000, 107.051
Yxy	84.0346, 0.4044, 0.5046
Android (android.graphics.Color)	4293523245 (0xFFE9F72D)
YUV	219.7860, -86.1695, 11.5887
Hunter-Lab	91.6704, -29.3018, 54.3682

# Details

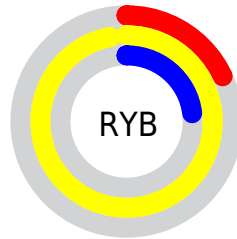
The Hex color **E9F72D** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3B2DF7**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF6F**, and **ADBF00** is the 20% darker color. If you saturate the color by 10%, you get **E7F714**, and if you desaturate by 10%, it is **EBF746**.

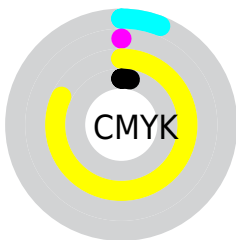
# Distribution



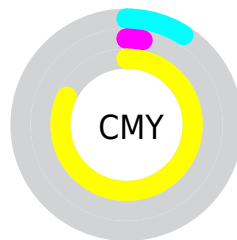
- Red (91%)
- Green (97%)
- Blue (18%)



- Red (18%)
- Yellow (97%)
- Blue (23%)



- Cyan (6%)
- Magenta (0%)
- Yellow (82%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9F72D 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 E9F72D by changing the saturation by 10% instead.



 E9F72D

 E9F72D

FFFFFF

 CBDB00

 FFFF6F

 ADBF00

 FFFF8D

 90A400

 FFFFAA

 738A00

 FFFFC8

 567000

 FFFF6E

 3A5800

 1E4000

 002A00

 001400

 E9F72D

 E9F72D

 E7F714

 EBF746

 E6F700

 ECF75E

 EE7777

 F0F790

 F2F7A9

 F3F7C1

 F5F7DA

 F7F7F3

 F8F7FF

# Harmonies

## Analogous

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



FFDB32



E9F72D



82FF6F

# Triad

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



E9F72D



00FFFF



FF9EFF

# Complementary

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



E9F72D



3B2DF7

# 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.



FFBFFF



E9F72D



00FFFF

# Square

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



E9F72D



00FFFF



A1E5FF



FF9BBF

# Rectangle

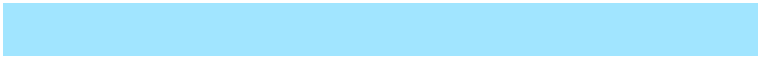
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9F72D



00FFA6



A1E5FF



FFA7FF



# Sweetspot

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



E9F72D



FBFFBF



F73A2D



7D8059



000000



808080



# Same Dimension

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



E9F72D



EEFF05



85F72D



7A7A6E



ADBA00



373B00



# Inverse Universe

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



3B2DF7



1605FF



9F2DF7



6F6E7A



0D00BA

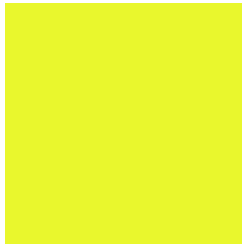


04003B



# Previews

## White Background



This preview shows how the Hex color E9F72D looks on a white background.

## Color Contrast Check

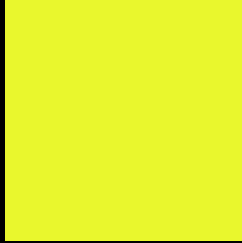
Large Text (above 18pt) WCAG AA × Fail

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 E9F72D 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 E9F72D Background



This preview shows how black text looks on a background with the Hex color E9F72D.

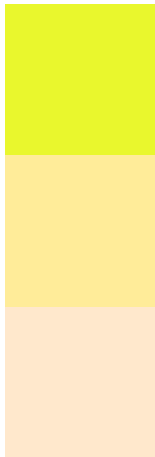


This preview shows how white text looks on a background with the Hex color E9F72D.

# 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**  
E9F72D

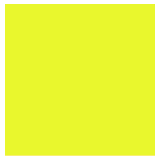
**Protanopia**  
FFEC99

**Deuteranopia**  
FFE8CC



**Tritanopia**  
FAE6F8

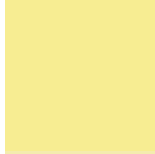
# Trichromacy



**Original Color**  
E9F72D



**Protanomaly**  
F7F072



**Deuteranomaly**  
F7ED92

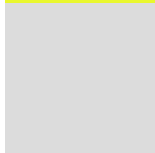


**Tritanomaly**  
F4ECAE

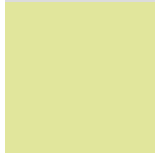
# Monochromacy



**Original Color**  
E9F72D



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
E1E69C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9F72D 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 #E9F72D looks like.

```
.text, #text, p{  
    color:#E9F72D  
}
```

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 #E9F72D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9F72D
}
```

## Border

The CSS property to change the border of an element to Hex E9F72D 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
#E9F72D }
```

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

```
.border{ border-color:#E9F72D }
```

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

Here you see how a box with a 4 pixel #E9F72D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9F72D; -webkit-box-shadow:4px 4px  
4px 4px #E9F72D; box-shadow:4px 4px 4px  
4px #E9F72D }
```

# Background

The CSS property to change the background color of an element to Hex E9F72D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9F72D }
```

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

```
.background{ background-color:#E9F72D }
```

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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