

# Converting Colors

Hex(E7F303)

Have a look what the booklet for  
Hex(E7F303) contains.

<b>Hex(E7F303)</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(E7F303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7F303
RGB	231, 243, 3
RGB Percent	91%, 95%, 1%
CMY	0.0941, 0.0471, 0.9882
CMYK	0.05, 0.00, 0.99, 0.05
HSL	63°, 98%, 48%
HSV	63°, 99%, 95%
XYZ	65.0220, 81.0967, 12.3123
YIQ	212.0520, 69.8880, -77.1840

# Conversions

## Conversions Part 2

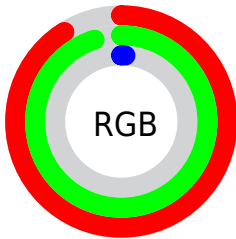
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 243, 15
Decimal	15201027
CIE <sub>Lab</sub>	92.17, -25.70, 89.79
CIE <sub>LCh</sub>	92, 93.401, 105.974
Yxy	81.0967, 0.4104, 0.5119
Android (android.graphics.Color)	4293391107 (0xFFE7F303)
YUV	212.0520, -103.0626, 16.6174
Hunter-Lab	90.0537, -28.7105, 54.9313

# Details

The Hex color **E7F303** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **0F03F3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5E**, and **ABBB00** is the 20% darker color. If you saturate the color by 10%, you get **E7F300**, and if you desaturate by 10%, it is **E8F31B**.

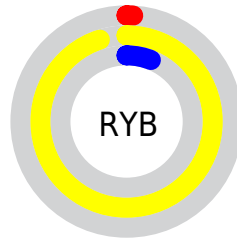
# Distribution



Red (91%)

Green (95%)

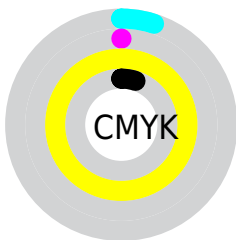
Blue (1%)



Red (1%)

Yellow (95%)

Blue (6%)

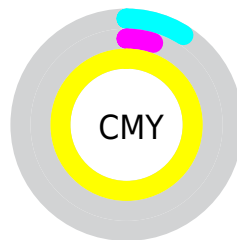


Cyan (5%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7F303 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 E7F303 by changing the saturation by 10% instead.



 E7F303

 E7F303

FFFFFF

 C9D700

 FFFF5E

 ABBB00

 FFFF7D

 8DA000

 FFFF9B

 708600

 FFFFB9

 536D00

 FFFFD7

 375500

 FFFFF5

 1B3D00

 002700

 000E00

 E7F303

 E7F303

 E7F300

 E8F31B

 E9F334

 EBF34C

 ECF364

 EDF37C

 EEF395

 F0F3AD

 F1F3C5

 F2F3DE

# Harmonies

## Analogous

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



FFD51B



E7F303



7BFF61

# Triad

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



E7F303



00FFFF



FF95FF

# Complementary

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



E7F303



0F03F3

# 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.



FFBAFF



E7F303



00FFFF

# Square

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



E7F303



00FFFF



8AE2FF



FF90BC

# Rectangle

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



E7F303



00FF9B



8AE2FF



FF9FFF



# Sweetspot

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



E7F303



FBFFB3



F30F03



7D8052



000000



808080



# Same Dimension

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



E7F303



F2FF00



73F303



7A7A6E



B1BA00



383B00



# Inverse Universe

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



0F03F3



0D00FF



8703F3



6F6E7A



0900BA

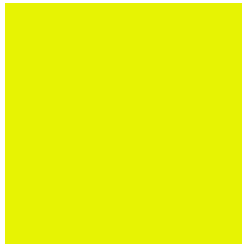


03003B



# Previews

## White Background



This preview shows how the Hex color E7F303 looks on a white background.

## Color Contrast Check

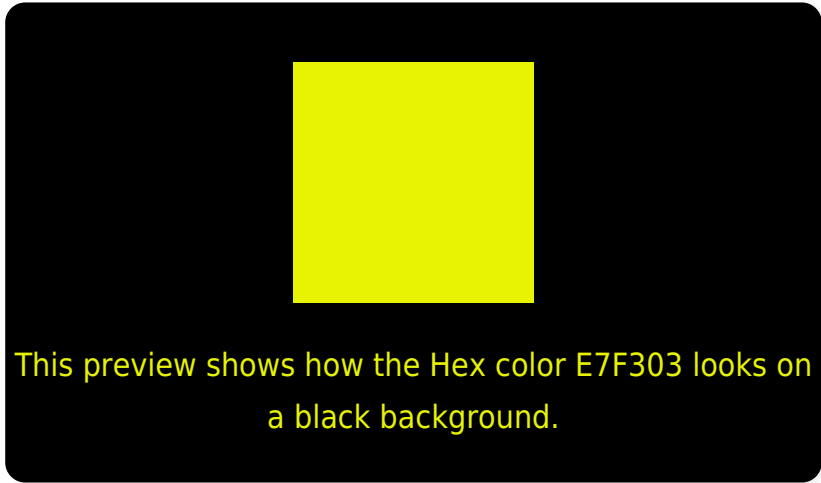
Large Text (above 18pt) WCAG AA × Fail

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 E7F303 Background



This preview shows how black text looks on a background with the Hex color E7F303.

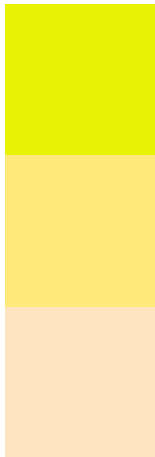


This preview shows how white text looks on a background with the Hex color E7F303.

# 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**  
E7F303

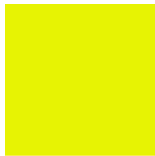
**Protanopia**  
FFE97B

**Deuteranopia**  
FFE4C1



**Tritanopia**  
F8E2F4

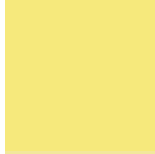
# Trichromacy



**Original Color**  
E7F303



**Protanomaly**  
F6ED4F

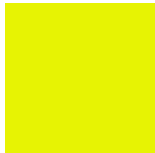


**Deuteranomaly**  
F6E97C



**Tritanomaly**  
F2E89C

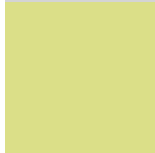
# Monochromacy



**Original Color**  
E7F303



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
DBDF88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7F303 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 #E7F303 looks like.

```
.text, #text, p{  
    color:#E7F303  
}
```

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 #E7F303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F303
}
```

## Border

The CSS property to change the border of an element to Hex E7F303 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
#E7F303 }
```

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

```
.border{ border-color:#E7F303 }
```

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

Here you see how a box with a 4 pixel #E7F303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F303; -webkit-box-shadow:4px 4px  
4px 4px #E7F303; box-shadow:4px 4px 4px  
4px #E7F303 }
```

# Background

The CSS property to change the background color of an element to Hex E7F303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F303 }
```

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

```
.background{ background-color:#E7F303 }
```

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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