

# Converting Colors

Hex(E7F091)

Have a look what the booklet for  
Hex(E7F091) contains.

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# **Color**

**Hex(E7F091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7F091
RGB	231, 240, 145
RGB Percent	91%, 94%, 57%
CMY	0.0941, 0.0588, 0.4314
CMYK	0.04, 0.00, 0.40, 0.06
HSL	66°, 76%, 75%
HSV	66°, 40%, 94%
XYZ	69.2259, 81.3534, 38.8423
YIQ	226.4790, 25.1310, -31.4530

# Conversions

## Conversions Part 2

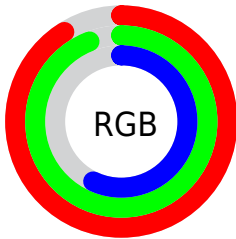
Format	Color
<a href="#">RYB</a>	<a href="#">145, 240, 154</a>
Decimal	<a href="#">15200401</a>
CIELab	<a href="#">92.29, -16.90, 44.86</a>
CIElCh	<a href="#">92, 47.938, 110.641</a>
Yxy	<a href="#">81.3534, 0.3655, 0.4295</a>
Android (android.graphics.Color)	<a href="#">4293390481 (0xFFE7F091)</a>
YUV	<a href="#">226.4790, -40.1691, 3.9649</a>
Hunter-Lab	<a href="#">90.1961, -20.8437, 37.6045</a>

# Details

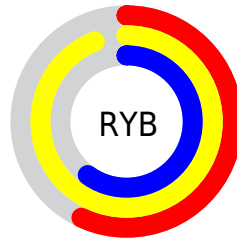
The Hex color **E7F091** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9A91F0**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFC8**, and **AEB85D** is the 20% darker color. If you saturate the color by 10%, you get **E5F079**, and if you desaturate by 10%, it is **E9F0A9**.

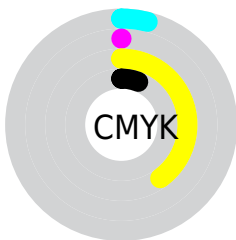
# Distribution



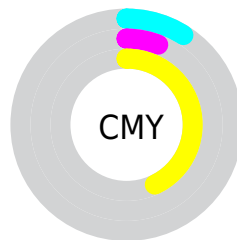
- Red (91%)
- Green (94%)
- Blue (57%)



- Red (57%)
- Yellow (94%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7F091 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 E7F091 by changing the saturation by 10% instead.



 E7F091

 E7F091

FFFFFF

 CAD476

 FFFFC8

 AEB85D

 FFFF E5

 929D43

 78832A

 5D6A0E

 445200

 2C3B00

 122500

 000F00

 E7F091

 E7F091

 E5F079

 E9F0A9

 E2F061

 ECF0C1

 E0F049

 EEF0D9

 DEF031

 F0F0F1

 DCF019

 F2F0FF

 D9F001

 F5F0FF

 D9F000

 F7F0FF

 F9F0FF

 FBF0FF

# Harmonies

## Analogous

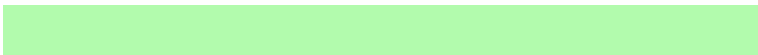
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE18E



E7F091



B2FBAD

# Triad

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



E7F091



36FCFF



FFC6F9

# Complementary

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



E7F091



9A91F0

# 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.



FFD2FF



E7F091



8CF2FF

# Square

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



E7F091



2EFFFF



D9E2FF



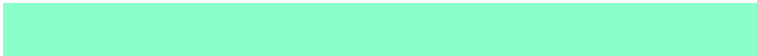
FFC6CB

# Rectangle

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



E7F091



8BFFC9



D9E2FF



FFC9FF



# Sweetspot

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



E7F091



FCFFE0



F09991



7E806E



000000



808080



# Same Dimension

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



E7F091



F3FF85



B9F091



77786C



A6B800



333800



# Inverse Universe

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



9A91F0



9085FF



C891F0



6D6C78



1100B8

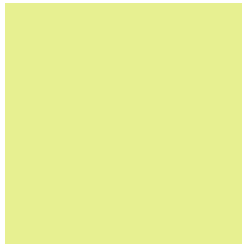


050038



# Previews

## White Background



This preview shows how the Hex color E7F091 looks on a white background.

## Color Contrast Check

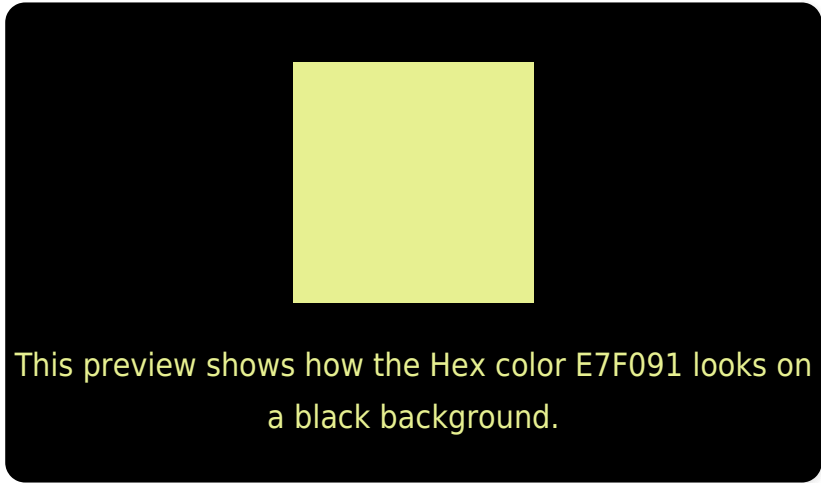
Large Text (above 18pt) WCAG AA × Fail

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

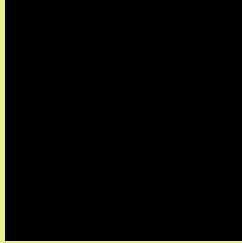
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7F091 Background



This preview shows how black text looks on a background with the Hex color E7F091.

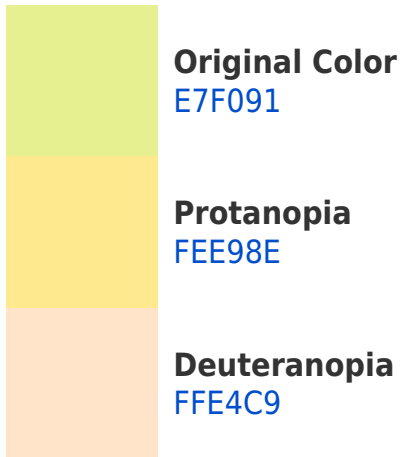


This preview shows how white text looks on a background with the Hex color E7F091.

# 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](#).

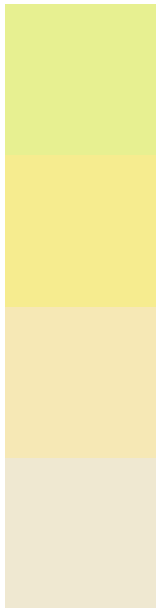
## Dichromacy





**Tritanopia**  
F3E4F6

# Trichromacy



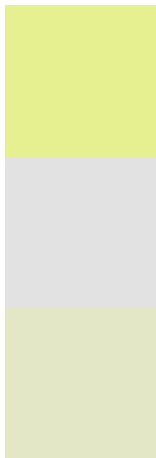
**Original Color**  
E7F091

**Protanomaly**  
F6EC8F

**Deuteranomaly**  
F6E8B5

**Tritanomaly**  
EFE8D1

# Monochromacy



**Original Color**  
E7F091

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
E4E7C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7F091 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 #E7F091 looks like.

```
.text, #text, p{  
    color:#E7F091  
}
```

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 #E7F091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F091
}
```

## Border

The CSS property to change the border of an element to Hex E7F091 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
#E7F091 }
```

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

```
.border{ border-color:#E7F091 }
```

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

Here you see how a box with a 4 pixel #E7F091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F091; -webkit-box-shadow:4px 4px  
4px 4px #E7F091; box-shadow:4px 4px 4px  
4px #E7F091 }
```

# Background

The CSS property to change the background color of an element to Hex E7F091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F091 }
```

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

```
.background{ background-color:#E7F091 }
```

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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