

Converting Colors

Hex(E0EE78)

Have a look what the booklet for
Hex(E0EE78) contains.

Hex(E0EE78)	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(E0EE78)

Conversions

Conversions Part 1

Format	Color
Hex	E0EE78
RGB	224, 238, 120
RGB Percent	88%, 93%, 47%
CMY	0.1216, 0.0667, 0.5294
CMYK	0.06, 0.00, 0.50, 0.07
HSL	67°, 78%, 70%
HSV	67°, 50%, 93%
XYZ	64.7052, 78.3524, 29.4825
YIQ	220.3620, 29.5340, -39.6660

Conversions

Conversions Part 2

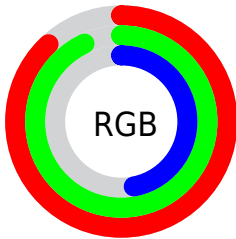
Format	Color
RYB	120, 238, 134
Decimal	14741112
CIELab	90.94, -21.10, 54.99
CIELCh	91, 58.901, 110.993
Yxy	78.3524, 0.3750, 0.4541
Android (android.graphics.Color)	4292931192 (0xFFE0EE78)
YUV	220.3620, -49.4785, 3.1905
Hunter-Lab	88.5169, -24.4225, 42.2140

Details

The Hex color **E0EE78** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8678EE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFAF**, and **A7B643** is the 20% darker color. If you saturate the color by 10%, you get **DDEE60**, and if you desaturate by 10%, it is **E3EE90**.

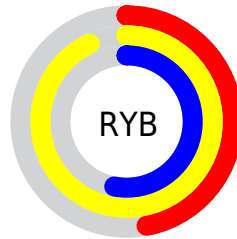
Distribution



Red (88%)

Green (93%)

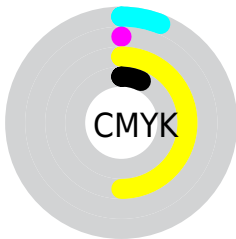
Blue (47%)



Red (47%)

Yellow (93%)

Blue (53%)

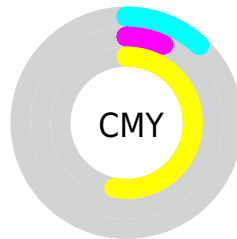


Cyan (6%)

Magenta (0%)

Yellow (50%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0EE78 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 E0EE78 by changing the saturation by 10% instead.

 E0EE78

 E0EE78

FFFFFF

 C3D25D

 FFFFAF

 A7B643

 FFFFCB


 8B9B27

 FFFFEB

 708102

 556800

 3C5000

 213900

 042400

 000600

 E0EE78

 E0EE78

 DDEE60

 E3EE90

 DAEE48

 E6EEA8

 D8EE31

 E8EEBF

 D5EE19

 EBEEED7

 D2EE01

 EEEEEF

 D2EE00

 F1EEFF

 F4EEFF

 F7EEFF

 F9EEFF

Harmonies

Analogous

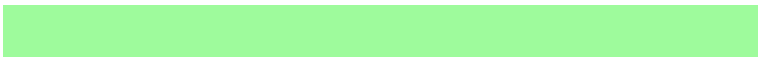
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC74



E0EE78



9EFB9C

Triad

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



E0EE78



00FCFF



FFB8F9

Complementary

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



E0EE78



8678EE

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.



FFC7FF



E0EE78



58F0FF

Square

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



E0EE78



00FFFF



CFDDFF



FFB9C0

Rectangle

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



E0EE78



65FFBE



CFDDFF



FFBCFF

Sweetspot

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



E0EE78



FAFFD9



EE8678



7D8069



000000



808080

Same Dimension

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



E0EE78



EDFF69



A5EE78



76786C



A2B800



313800

Inverse Universe

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



8678EE



7A69FF



C178EE



6D6C78



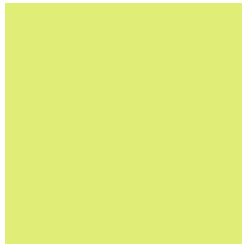
1600B8



070038

Previews

White Background



This preview shows how the Hex color E0EE78 looks on a white background.

Color Contrast Check

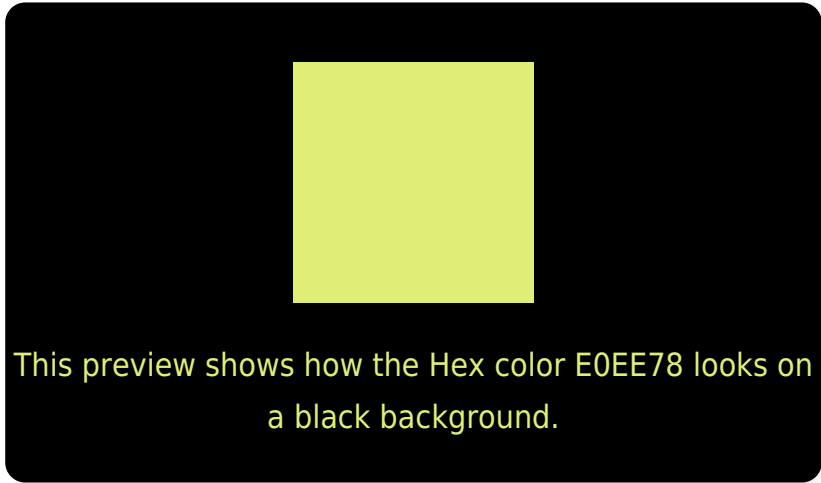
Large Text (above 18pt) WCAG AA × Fail

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 E0EE78 Background



This preview shows how black text looks on a background with the Hex color E0EE78.

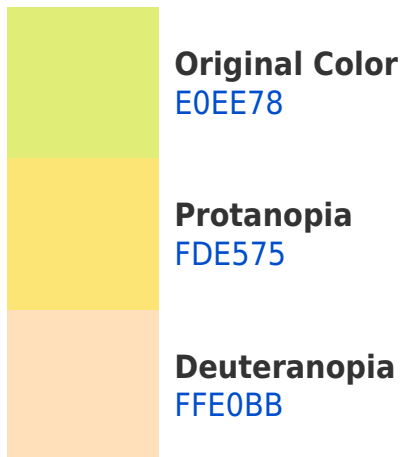


This preview shows how white text looks on a background with the Hex color E0EE78.

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](#).

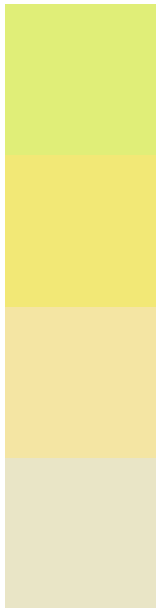
Dichromacy





Tritanopia
EEE0F2

Trichromacy



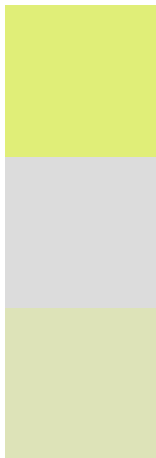
Original Color
E0EE78

Protanomaly
F2E876

Deuteranomaly
F4E5A3

Tritanomaly
E9E5C6

Monochromacy



Original Color
E0EE78

Achromatopsia
DCDCDC

Achromatomaly
DDE3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex E0EE78 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 #E0EE78 looks like.

```
.text, #text, p{  
    color:#E0EE78  
}
```

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 #E0EE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EE78
}
```

Border

The CSS property to change the border of an element to Hex E0EE78 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
#E0EE78 }
```

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

```
.border{ border-color:#E0EE78 }
```

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

Here you see how a box with a 4 pixel #E0EE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EE78; -webkit-box-shadow:4px 4px  
4px 4px #E0EE78; box-shadow:4px 4px 4px  
4px #E0EE78 }
```

Background

The CSS property to change the background color of an element to Hex E0EE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EE78 }
```

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

```
.background{ background-color:#E0EE78 }
```

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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