

# Converting Colors

Hex(EEEE0C)

Have a look what the booklet for  
Hex(EEEE0C) contains.

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# **Color**

**Hex(EEEE0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4EE0C
RGB	238, 238, 12
RGB Percent	93%, 93%, 5%
CMY	0.0667, 0.0667, 0.9529
CMYK	0.00, 0.00, 0.95, 0.07
HSL	60°, 90%, 49%
HSV	60°, 95%, 93%
XYZ	65.9008, 79.3528, 12.1911
YIQ	212.2360, 72.5460, -70.2860

# Conversions

## Conversions Part 2

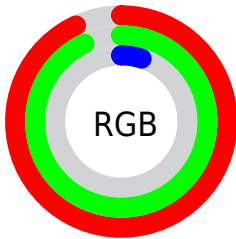
Format	Color
R <sub>Y</sub> B	12, 238, 12
Decimal	15658508
CIE Lab	91.39, -20.36, 88.77
CIE LCh	91, 91.071, 102.920
Yxy	79.3528, 0.4186, 0.5040
Android (android.graphics.Color)	4293848588 (0xFFEEEE0C)
YUV	212.2360, -98.7163, 22.5950
Hunter-Lab	89.0802, -23.8374, 54.2420

# Details

The Hex color **EEEE0C** 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 **0C0CEE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5F**, and **B1B600** is the 20% darker color. If you saturate the color by 10%, you get **EEEE00**, and if you desaturate by 10%, it is **EEEE24**.

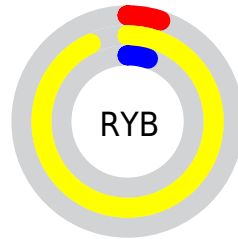
# Distribution



Red (93%)

Green (93%)

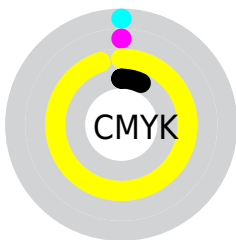
Blue (5%)



Red (5%)

Yellow (93%)

Blue (5%)

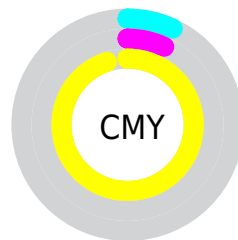


Cyan (0%)

Magenta (0%)

Yellow (95%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEEE0C 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 EEEE0C by changing the saturation by 10% instead.



 EEEE0C

 EEEE0C

FFFFFF

 CFD200

 FFFF5F

 B1B600

 FFFF7E

 949C00

 FFFF9C

 778200

 FFFFB9

 5A6900

 FFFFD7

 3E5100

 FFFFF5

 243A00

 082400

 000A00

 EEEE0C

 EEEE0C

 EEEE00

 EEEE24

 EEEE3C

 EEEE53

 EEEE6B

 EEEE83

 EEEE9B

 EEEEB3

 EEEECA

 EEEEE2

# Harmonies

## Analogous

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



FFD02B



EEEE0C



8AFF5B

# Triad

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



EEEE0C



00FFFF



FF99FF

# Complementary

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



EEEE0C



0C0CEE

# 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.



FFBEFF



EEEE0C



00FEFF

# Square

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



EEEE0C



00FFFF



71E4FF



FF90C4

# Rectangle

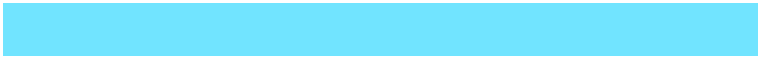
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEEE0C



00FF92



71E4FF



FFA3FF



# Sweetspot

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



EEEE0C



FFFFB8



EE0C0C



808054



000000



808080



# Same Dimension

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



EEEE0C



FFFF00



7DEE0C



78786C



B8B800



383800



# Inverse Universe

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



0C0CEE



0000FF



7D0CEE



6C6C78



0000B8

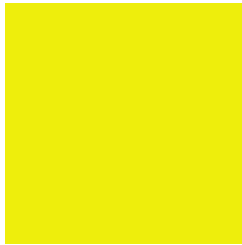


000038



# Previews

## White Background



This preview shows how the Hex color #EEEE0C looks on a white background.

## Color Contrast Check

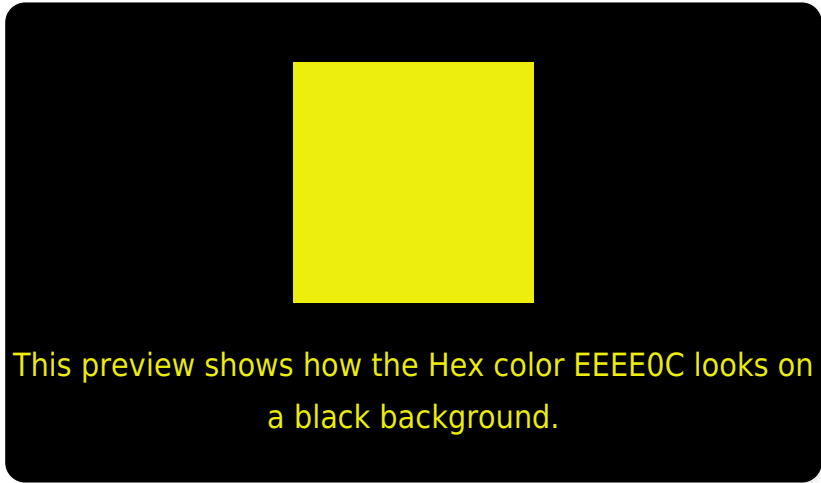
Large Text (above 18pt) WCAG AA × Fail

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 EEEE0C Background



This preview shows how black text looks on a background with the Hex color EEEE0C.



This preview shows how white text looks on a background with the Hex color EEEE0C.

# 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



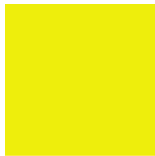
**Original Color**  
EEEE0C

**Protanopia**  
FFE766

**Deuteranopia**  
FFE2BA



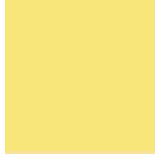
# Trichromacy



**Original Color**  
EEEE0C



**Protanomaly**  
F9EA45



**Deuteranomaly**  
F9E67B

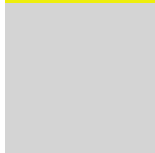


**Tritanomaly**  
F8E39C

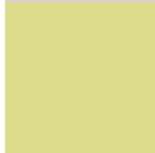
# Monochromacy



**Original Color**  
EEEE0C



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
DDDD8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEEE0C 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 #EEEE0C looks like.

```
.text, #text, p{  
    color:#EEEE0C  
}
```

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 #EEEE0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEEE0C
}
```

## Border

The CSS property to change the border of an element to Hex EEEE0C 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
#EEEE0C }
```

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

```
.border{ border-color:#EEEE0C }
```

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

Here you see how a box with a 4 pixel #EEEE0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEEE0C; -webkit-box-shadow:4px 4px  
4px 4px #EEEE0C; box-shadow:4px 4px 4px  
4px #EEEE0C }
```

# Background

The CSS property to change the background color of an element to Hex EEEE0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEEE0C }
```

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

```
.background{ background-color:#EEEE0C }
```

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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