

# Converting Colors

Hex(EEEF55)

Have a look what the booklet for  
Hex(EEEF55) contains.

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# **Color**

**Hex(EEEF55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEEEF55
RGB	238, 239, 85
RGB Percent	93%, 94%, 33%
CMY	0.0667, 0.0627, 0.6667
CMYK	0.00, 0.00, 0.64, 0.06
HSL	60°, 83%, 64%
HSV	60°, 64%, 94%
XYZ	67.7661, 80.5660, 20.5735
YIQ	221.1450, 48.8380, -48.1060

# Conversions

## Conversions Part 2

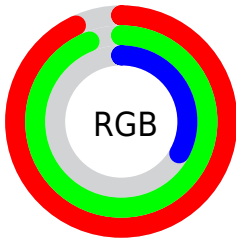
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 239, 86
Decimal	15658837
CIE <sub>Lab</sub>	91.94, -18.57, 71.33
CIE <sub>LCh</sub>	92, 73.713, 104.594
Yxy	80.5660, 0.4012, 0.4770
Android (android.graphics.Color)	4293848917 (0xFFEEEF55)
<b>YUV</b>	221.1450, -67.1195, 14.7818
Hunter-Lab	89.7586, -22.3133, 49.2412

# Details

The Hex color **EEEF55** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5655EF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF8E**, and **B3B711** is the 20% darker color. If you saturate the color by 10%, you get **EEEF3D**, and if you desaturate by 10%, it is **EEEF6D**.

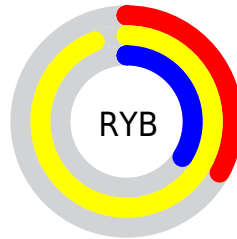
# Distribution



Red (93%)

Green (94%)

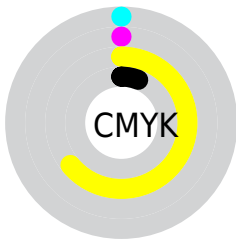
Blue (33%)



Red (33%)

Yellow (94%)

Blue (34%)

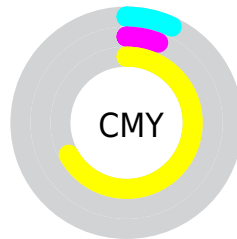


Cyan (0%)

Magenta (0%)

Yellow (64%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEEF55 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 EEEF55 by changing the saturation by 10% instead.



 EEEF55

 EEEF55

FFFFFF

 D0D337

 FFFF8E

 B3B711

 FFFF8A

 969D00

 FFFFC7

 7A8300

 FFFFEE4

 5E6A00

 435200

 283B00

 0E2500

 000D00

 EEEF55

 EEEF55

 EEEF3D

 EEEF6D

 EEEF25

 EEEF85

 EEEF0D

 EEEF9D

 EDEF00

 EFEFB5

 EFEFCC

 EFEFE4

 EFEFFC

 EFEFFF

# Harmonies

## Analogous

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



FFD75A



EEEF55



9EFF7E

# Triad

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



EEEF55



00FFFF



FFAEFF

# Complementary

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



EEEF55



5655EF

# 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



EEEE55



00FAFF

# Square

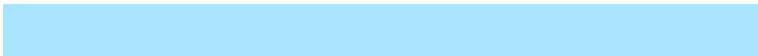
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EEEE55



00FFFF



A9E4FF



FFAAC8

# Rectangle

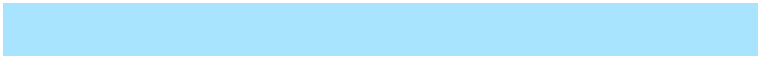
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEEF55



4CFFA8



A9E4FF



FFB5FF



# Sweetspot

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



EEEE55



FFFFCF



EF5555



7F8062



000000



808080



# Same Dimension

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



EEEE55



FEFF3B



A2EF55



78786C



B6B800



383800



# Inverse Universe

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



5655EF



3C3BFF



A255EF



6C6C78



0100B8

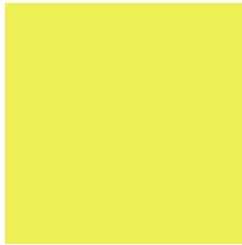


000038



# Previews

## White Background



This preview shows how the Hex color #EEEEF5 looks on a white background.

## Color Contrast Check

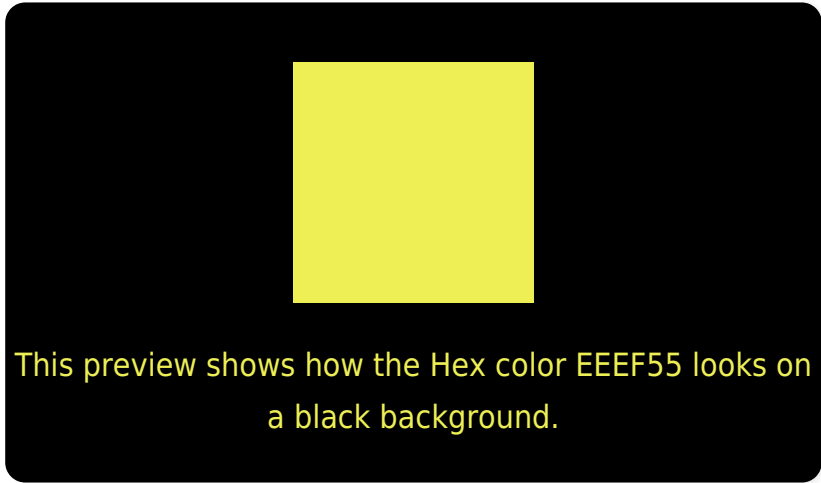
Large Text (above 18pt) WCAG AA × Fail

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 EEEF55 Background



This preview shows how black text looks on a background with the Hex color EEEF55.

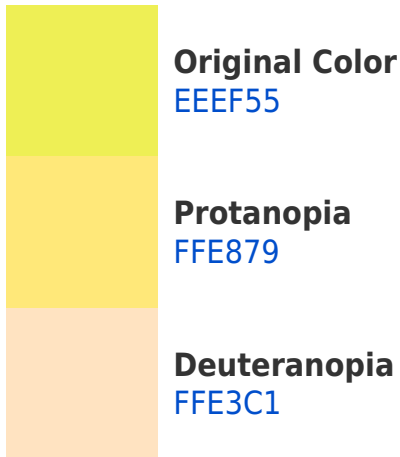


This preview shows how white text looks on a background with the Hex color EEEF55.

# Color Blindness Simulation

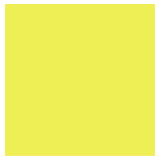
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





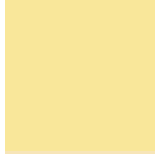
# Trichromacy



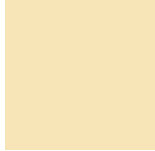
**Original Color**  
E4EF55



**Protanomaly**  
F9EB6C



**Deuteranomaly**  
F9E79A

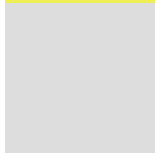


**Tritanomaly**  
F7E5B8

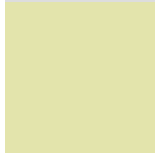
# Monochromacy



**Original Color**  
E4EF55



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
E3E4AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEEF55 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 #EEEF55 looks like.

```
.text, #text, p{  
    color:#EEEF55  
}
```

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 #EEEF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEEF55
}
```

## Border

The CSS property to change the border of an element to Hex EEEF55 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
#EEEF55 }
```

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

```
.border{ border-color:#EEEF55 }
```

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

Here you see how a box with a 4 pixel #EEEF55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEEF55; -webkit-box-shadow:4px 4px  
4px 4px #EEEF55; box-shadow:4px 4px 4px  
4px #EEEF55 }
```

# Background

The CSS property to change the background color of an element to Hex EEEF55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEEF55 }
```

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

```
.background{ background-color:#EEEF55 }
```

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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