

Converting Colors

Hex(EEF683)

Have a look what the booklet for
Hex(EEF683) contains.

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Color

Hex(EEF683)

Conversions

Conversions Part 1

Format	Color
Hex	EEF683
RGB	238, 246, 131
RGB Percent	93%, 96%, 51%
CMY	0.0667, 0.0353, 0.4863
CMYK	0.03, 0.00, 0.47, 0.04
HSL	64°, 86%, 74%
HSV	64°, 47%, 96%
XYZ	72.3124, 85.7274, 34.2085
YIQ	230.4980, 32.1470, -37.4610

Conversions

Conversions Part 2

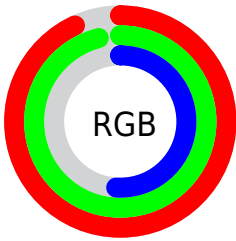
Format	Color
RYB	131, 246, 139
Decimal	15660675
CIELab	94.20, -18.53, 54.03
CIELCh	94, 57.118, 108.930
Yxy	85.7274, 0.3761, 0.4459
Android (android.graphics.Color)	4293850755 (0xFFEEF683)
YUV	230.4980, -49.0525, 6.5793
Hunter-Lab	92.5891, -22.6218, 42.9067

Details

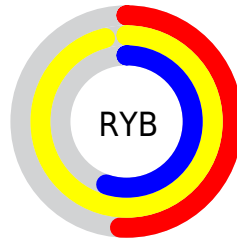
The Hex color **EEF683** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8B83F6**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFBA**, and **B4BE4E** is the 20% darker color. If you saturate the color by 10%, you get **ECF66A**, and if you desaturate by 10%, it is **F0F69C**.

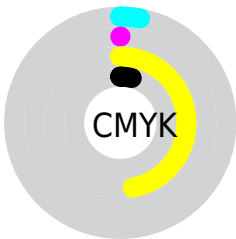
Distribution



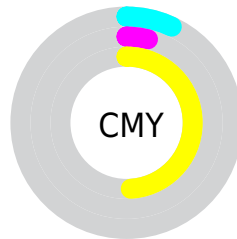
- Red (93%)
- Green (96%)
- Blue (51%)



- Red (51%)
- Yellow (96%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (47%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEF683 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 EEF683 by changing the saturation by 10% instead.

 EEF683

 EEF683

FFFFFF

 D1DA68

 FFFFBA

 B4BE4E

 FFFFD7

 98A333

 FFFFF4

 7D8916

 626F00

 485700

 2E4000

 142A00

 001700

 EEF683

 EEF683

 ECF66A

 F0F69C

 EBF652

 F1F6B4

 E9F639

 F3F6CD

 E7F621

 F5F6E5

 E5F608

 F7F6FE

 E5F600

 F8F6FF

 FAF6FF

 FCF6FF

 FDF6FF

Harmonies

Analogous

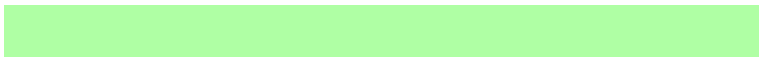
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE481



EEF683



AFFFA4

Triad

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



EEF683



00FFFF



FFC4FF

Complementary

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



EEF683



8B83F6

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.



FFD3FF



EEF683



66FAFF

Square

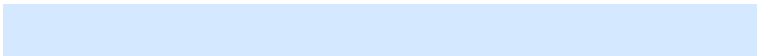
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EEF683



00FFFF



D4E8FF



FFC3CD

Rectangle

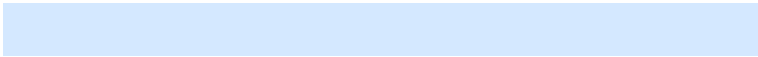
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEF683



7BFFC5



D4E8FF



FFC8FF

Sweetspot

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



EEF683



FDFFD8



F68B83



7E806A



000000



808080

Same Dimension

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



EEF683



F5FF70



B5F683



7A7A6E



ADBA00



373B00

Inverse Universe

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



8B83F6



7A70FF



C483F6



6F6E7A



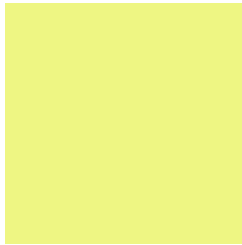
0D00BA



04003B

Previews

White Background



This preview shows how the Hex color #EEF683 looks on a white background.

Color Contrast Check

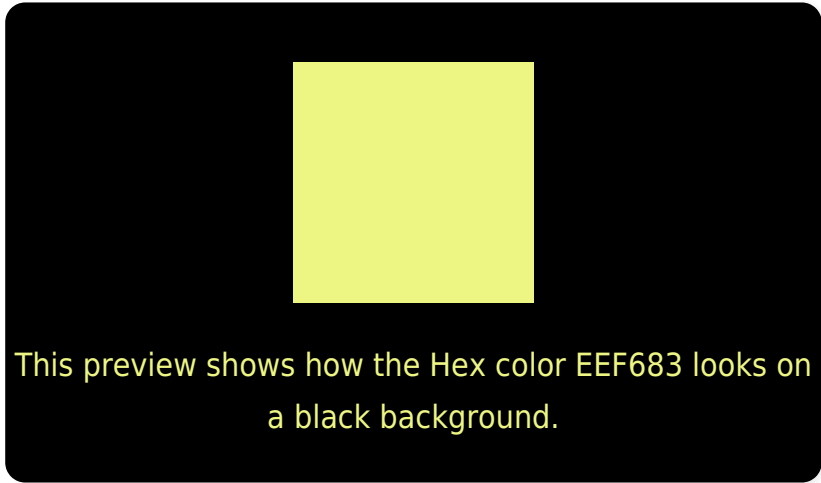
Large Text (above 18pt) WCAG AA × Fail

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 EEF683 Background



This preview shows how black text looks on a background with the Hex color EEF683.

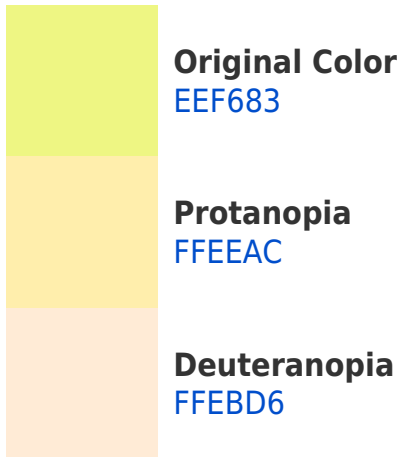


This preview shows how white text looks on a background with the Hex color EEF683.

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](#).

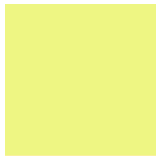
Dichromacy



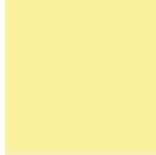


Tritanopia
FBE8FB

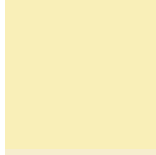
Trichromacy



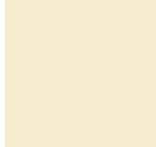
Original Color
EEF683



Protanomaly
F9F19D



Deuteranomaly
F9EFB8

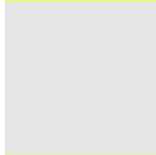


Tritanomaly
F6EDCF

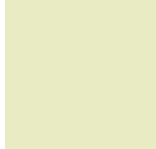
Monochromacy



Original Color
EEF683



Achromatopsia
E6E6E6



Achromatomaly
E9ECC2

CSS Examples

Text

The CSS property to change the color of the text to Hex EEF683 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 #EEF683 looks like.

```
.text, #text, p{  
    color:#EEF683  
}
```

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 #EEF683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEF683
}
```

Border

The CSS property to change the border of an element to Hex EEF683 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
#EEF683 }
```

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

```
.border{ border-color:#EEF683 }
```

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

Here you see how a box with a 4 pixel #EEF683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEF683; -webkit-box-shadow:4px 4px  
4px 4px #EEF683; box-shadow:4px 4px 4px  
4px #EEF683 }
```

Background

The CSS property to change the background color of an element to Hex EEF683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEF683 }
```

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

```
.background{ background-color:#EEF683 }
```

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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