

# Converting Colors

Hex(EAFF21)

Have a look what the booklet for  
Hex(EAFF21) contains.

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# **Color**

**Hex(EAFF21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">EAFF21</a>
RGB	<a href="#">234, 255, 33</a>
RGB Percent	<a href="#">92%, 100%, 13%</a>
CMY	<a href="#">0.0824, 0.0000, 0.8706</a>
CMYK	<a href="#">0.08, 0.00, 0.87, 0.00</a>
HSL	<a href="#">66°, 100%, 56%</a>
HSV	<a href="#">66°, 87%, 100%</a>
XYZ	<a href="#">69.9662, 89.1222, 14.9535</a>
YIQ	<a href="#">223.4130, 58.7460, -73.4940</a>

# Conversions

## Conversions Part 2

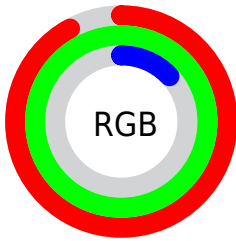
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	33, 255, 54
Decimal	15400737
CIE Lab	95.63, -29.71, 89.28
CIE LCh	96, 94.094, 108.406
Yxy	89.1222, 0.4020, 0.5121
Android (android.graphics.Color)	4293590817 (0xFFEAF21)
YUV	223.4130, -93.8736, 9.2848
Hunter-Lab	94.4046, -32.9160, 56.6918

# Details

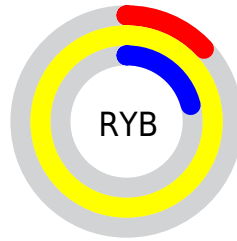
The Hex color **EAFF21** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3621FF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF6A**, and **AEC600** is the 20% darker color. If you saturate the color by 10%, you get **E8FF08**, and if you desaturate by 10%, it is **ECFF3A**.

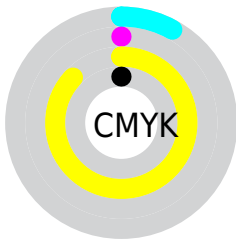
# Distribution



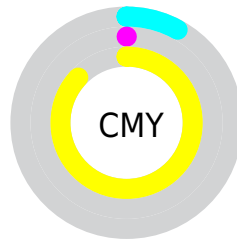
- Red (92%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (21%)



- Cyan (8%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAFF21 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 EAFF21 by changing the saturation by 10% instead.



 EAFF21

 EAFF21

FFFFFF

 CCE200

 FFFF6A

 AEC600

 FFFF88

 90AB00

 FFFFA6

 739100

 FFFFC4

 567700

 FFFF E2

 395E00

 1C4600

 003000

 001C00

 EAFF21

 EAFF21

 E8FF08

 ECFF3A

 E7FF00

 EFFF54

 F1FF6D

 F4FF87

 F6FFA1

 F8FFBA

 FBFFD3

 FDF FED

FFFFFF

# Harmonies

## Analogous

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



FFE122



EAFF21



78FF71

# Triad

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



E AFF21



00 FFFF



FF9 DFF

# Complementary

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



E AFF21



3621FF

# 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.



FFC0FF



EAFF21



00FFFF

# Square

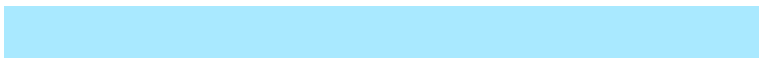
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E AFF21



00 FFFF



A9 E9FF



FF9 BBE

# Rectangle

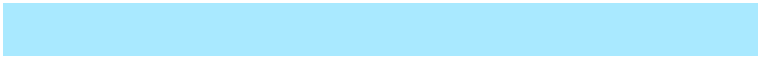
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E AFF21



00 FFAB



A9 E9FF



FF A6FF



# Sweetspot

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



EAFF21



F9FFBD



FF3421



7C8058



000000



808080



# Same Dimension

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



EAFF21



E7FF00



7DFF21



7E8073



ADBF00



3A4000



# Inverse Universe

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



3621FF



1800FF



A221FF



747380



1200BF

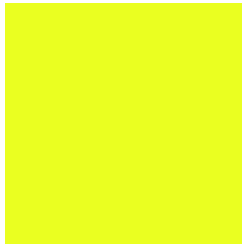


060040



# Previews

## White Background



This preview shows how the Hex color EAFF21 looks on a white background.

## Color Contrast Check

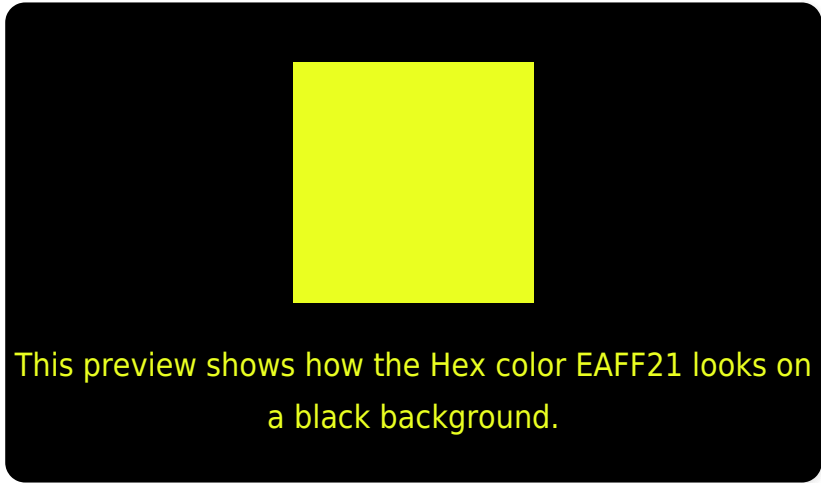
Large Text (above 18pt) WCAG AA × Fail

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 EAFF21 Background



This preview shows how black text looks on a background with the Hex color EAFF21.



This preview shows how white text looks on a background with the Hex color EAFF21.

# 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**  
EAFF21

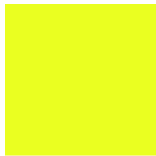
**Protanopia**  
FFF2C0

**Deuteranopia**  
FFF0DD

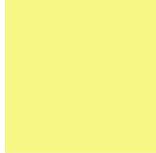


**Tritanopia**  
FCEDFF

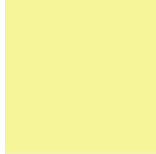
# Trichromacy



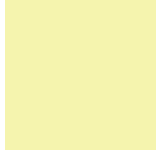
**Original Color**  
E AFF21



**Protanomaly**  
F7F786

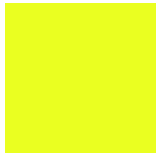


**Deuteranomaly**  
F7F599

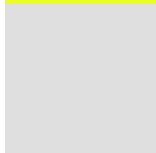


**Tritanomaly**  
F5F4AE

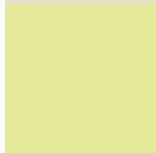
# Monochromacy



**Original Color**  
E AFF21



**Achromatopsia**  
D FDFDF



**Achromatomaly**  
E3EB9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAFF21 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 #EAFF21 looks like.

```
.text, #text, p{  
    color:#EAFF21  
}
```

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 #EAFF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAFF21
}
```

## Border

The CSS property to change the border of an element to Hex EAFF21 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
#EAFF21 }
```

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

```
.border{ border-color:#EAFF21 }
```

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

Here you see how a box with a 4 pixel #EAFF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAFF21; -webkit-box-shadow:4px 4px  
4px 4px #EAFF21; box-shadow:4px 4px 4px  
4px #EAFF21 }
```

# Background

The CSS property to change the background color of an element to Hex EAFF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAFF21 }
```

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

```
.background{ background-color:#EAFF21 }
```

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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