

# Converting Colors

Hex(4EF657)

Have a look what the booklet for  
Hex(4EF657) contains.

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**Color**

**Hex(4EF657)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EF657
RGB	78, 246, 87
RGB Percent	31%, 96%, 34%
CMY	0.6941, 0.0353, 0.6588
CMYK	0.68, 0.00, 0.65, 0.04
HSL	123°, 90%, 64%
HSV	123°, 68%, 96%
XYZ	37.8180, 68.2194, 20.1913
YIQ	177.6420, -49.0890, -85.0650

# Conversions

## Conversions Part 2

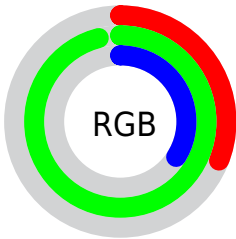
Format	Color
<a href="#">RYB</a>	<a href="#">78, 237, 246</a>
Decimal	<a href="#">5174871</a>
CIELab	<a href="#">86.12, -72.40, 62.01</a>
CIELCh	<a href="#">86, 95.328, 139.420</a>
Yxy	<a href="#">68.2194, 0.2996, 0.5404</a>
Android (android.graphics.Color)	<a href="#">4283364951 (0xFF4EF657)</a>
YUV	<a href="#">177.6420, -44.6865, -87.3860</a>
Hunter-Lab	<a href="#">82.5950, -62.8111, 43.3224</a>

# Details

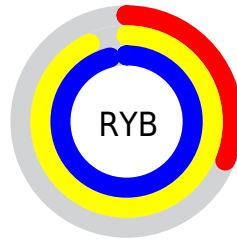
The Hex color **4EF657** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **F64EED**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **92FF8F**, and **00BC19** is the 20% darker color. If you saturate the color by 10%, you get **35F640**, and if you desaturate by 10%, it is **67F66E**.

# Distribution



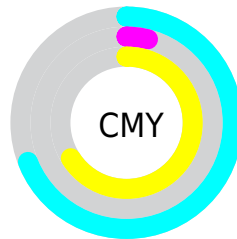
- Red (31%)
- Green (96%)
- Blue (34%)



- Red (31%)
- Yellow (93%)
- Blue (96%)



- Cyan (68%)
- Magenta (0%)
- Yellow (65%)
- Black (4%)



- Cyan (69%)
- Magenta (4%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EF657 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 4EF657 by changing the saturation by 10% instead.



 4EF657

 4EF657

FFFFFF

 1CD93A

 92FF8F

 00BC19

 B2FFAB

 00A000

 D1FFC7

 008500

 F1FFE4

 006A00

 005000

 003800

 001E00

 000000

 4EF657

 4EF657

 35F640

 67F66E

 1DF628

 7FF686

 04F611

 98F69D

 00F60D

 B0F6B4

 C9F6CB

 E2F6E3

 FAF6FA

 FFF6FF

# Harmonies

## Analogous

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



C9E500



4EF657



00FFB3

# Triad

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



4EF657



00EBFF



FF7BA1

# Complementary

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



4EF657



F64EED

# 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.



FF7BFB



4EF657



8CCDFE

# Square

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



4EF657



00FBFF



FFA3FF



FFA04D

# Rectangle

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



4EF657



00FFF2



FFA3FF



FF76BF

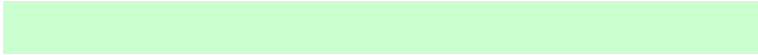


# Sweetspot

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



4EF657



CCFFCF



EEF64E



618063



000000



808080



# Same Dimension

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



4EF657



2EFF39



4EF6AA



6E7A6F



00BA0A



003B03



# Inverse Universe

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



F64EED



FF2EF4



F64E9A



7A6E7A



BA00B0

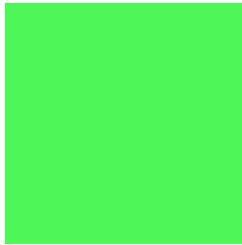


3B0038



# Previews

## White Background



This preview shows how the Hex color 4EF657 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



This preview shows how the Hex color 4EF657 looks on a 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 4EF657 Background



This preview shows how black text looks on a background with the Hex color 4EF657.

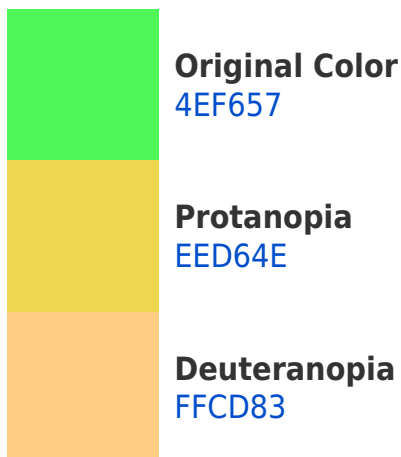


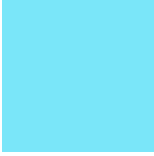
This preview shows how white text looks on a background with the Hex color 4EF657.

# 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](#).

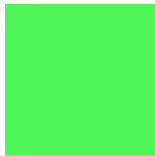
## Dichromacy





**Tritanopia**  
7AE6F9

# Trichromacy



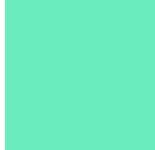
**Original Color**  
4EF657



**Protanomaly**  
B4E251



**Deuteranomaly**  
BFDC73

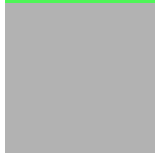


**Tritanomaly**  
6AECBE

# Monochromacy



**Original Color**  
4EF657



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
8ECB91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EF657 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 #4EF657 looks like.

```
.text, #text, p{  
    color:#4EF657  
}
```

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 #4EF657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EF657
}
```

## Border

The CSS property to change the border of an element to Hex 4EF657 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
#4EF657 }
```

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

```
.border{ border-color:#4EF657 }
```

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

Here you see how a box with a 4 pixel #4EF657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EF657; -webkit-box-shadow:4px 4px  
4px 4px #4EF657; box-shadow:4px 4px 4px  
4px #4EF657 }
```

# Background

The CSS property to change the background color of an element to Hex 4EF657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EF657 }
```

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

```
.background{ background-color:#4EF657 }
```

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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