

Converting Colors

Hex(3EF472)

Have a look what the booklet for
Hex(3EF472) contains.

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Color

Hex(3EF472)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3EF472 |
| RGB | 62, 244, 114 |
| RGB Percent | 24%, 96%, 45% |
| CMY | 0.7569, 0.0431, 0.5529 |
| CMYK | 0.75, 0.00, 0.53, 0.04 |
| HSL | 137°, 89%, 60% |
| HSV | 137°, 75%, 96% |
| XYZ | 37.3746, 66.9404, 26.8705 |
| YIQ | 174.7620, -66.7420, -79.0140 |

Conversions

Conversions Part 2

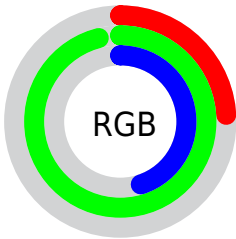
| Format | Color |
|-------------------------------------|--|
| RYB | 62, 204, 244 |
| Decimal | 4125810 |
| CIELab | 85.47, -71.08, 49.51 |
| CIELCh | 85, 86.618, 145.143 |
| Yxy | 66.9404, 0.2849, 0.5103 |
| Android (android.graphics.Color) | 4282315890 (0xFF3EF472) |
| YUV | 174.7620, -29.9557, -98.8923 |
| Hunter-Lab | 81.8171, -61.6401, 37.7998 |

Details

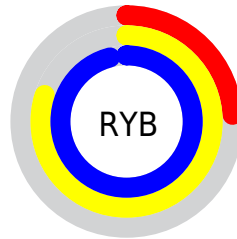
The Hex color **3EF472** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **F43EC0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **87FFA8**, and **00BA3D** is the 20% darker color. If you saturate the color by 10%, you get **26F461**, and if you desaturate by 10%, it is **56F483**.

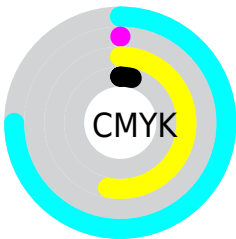
Distribution



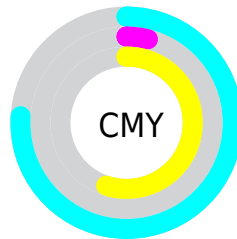
- Red (24%)
- Green (96%)
- Blue (45%)



- Red (24%)
- Yellow (80%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (53%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EF472 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 3EF472 by changing the saturation by 10% instead.

 3EF472

 3EF472


FFFFFF

 00D758

 87FFA8

 00BA3D

 A7FFC4

 009E21

 C6FFE1

 008300

 E5FFFE

 006800

 004E00

 003600

 001C00

 000000

 3EF472

 3EF472

 26F461

 56F483

 0DF44F

 6FF495

 00F446

 87F4A6

 A0F4B8

 B8F4C9

 D0F4DB

 E9F4EC

 FFF4FD

 FFF4FF

Harmonies

Analogous

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



BAE527



3EF472



00FBC5

Triad

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



3EF472



00E3FF



FF8B95

Complementary

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



3EF472



F43EC0

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.



FF84E7



3EF472



BBC6FF

Square

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



3EF472



00F5FF



FFA0FF



FFAC4D

Rectangle

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



3EF472



00FCFE



FFA0FF



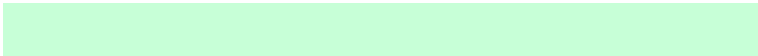
FF85B0

Sweetspot

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



3EF472



C7FFD7



C0F43E



5E8068



000000



808080

Same Dimension

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



3EF472



19FF5B



3EF4CD



6E7A72



00BA35



003B11

Inverse Universe

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



F43EC0



FF19BD



F43E65



7A6E77



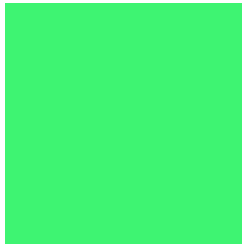
BA0085



3B002A

Previews

White Background



This preview shows how the Hex color 3EF472 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 3EF472 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

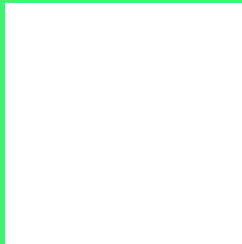
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3EF472 Background



This preview shows how black text looks on a background with the Hex color 3EF472.

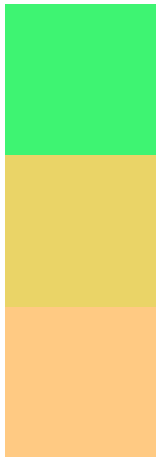


This preview shows how white text looks on a background with the Hex color 3EF472.

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
3EF472

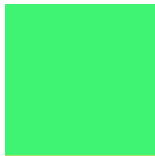
Protanopia
EAD467

Deuteranopia
FFCA83



Tritanopia
6EE6F8

Trichromacy



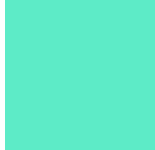
Original Color
3EF472



Protanomaly
ABE06B



Deuteranomaly
B9D97D



Tritanomaly
5DEBC7

Monochromacy



Original Color
3EF472



Achromatopsia
AFAFAF



Achromatomaly
86C899

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EF472 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 #3EF472 looks like.

```
.text, #text, p{  
    color:#3EF472  
}
```

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 #3EF472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EF472
}
```

Border

The CSS property to change the border of an element to Hex 3EF472 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
#3EF472 }
```

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

```
.border{ border-color:#3EF472 }
```

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

Here you see how a box with a 4 pixel #3EF472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EF472; -webkit-box-shadow:4px 4px  
4px 4px #3EF472; box-shadow:4px 4px 4px  
4px #3EF472 }
```

Background

The CSS property to change the background color of an element to Hex 3EF472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EF472 }
```

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

```
.background{ background-color:#3EF472 }
```

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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