

Converting Colors

Hex(45EF6F)

Have a look what the booklet for
Hex(45EF6F) contains.

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Color

Hex(45EF6F)

Conversions

Conversions Part 1

Format	Color
Hex	45EF6F
RGB	69, 239, 111
RGB Percent	27%, 94%, 44%
CMY	0.7294, 0.0627, 0.5647
CMYK	0.71, 0.00, 0.54, 0.06
HSL	135°, 84%, 60%
HSV	135°, 71%, 94%
XYZ	36.1900, 64.1459, 25.5129
YIQ	173.5780, -60.2320, -75.8480

Conversions

Conversions Part 2

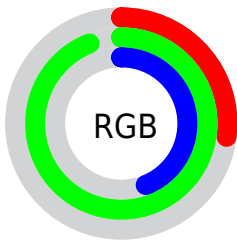
Format	Color
RYB	69, 205, 239
Decimal	4583279
CIELab	84.04, -68.82, 49.19
CIELCh	84, 84.586, 144.445
Yxy	64.1459, 0.2876, 0.5097
Android (android.graphics.Color)	4282773359 (0xFF45EF6F)
YUV	173.5780, -30.8510, -91.7149
Hunter-Lab	80.0911, -59.5025, 37.1771

Details

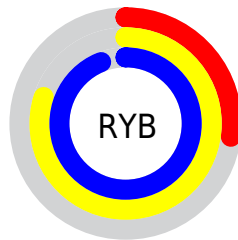
The Hex color **45EF6F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **EF45C5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8AFFA5**, and **00B63A** is the 20% darker color. If you saturate the color by 10%, you get **2DEF5D**, and if you desaturate by 10%, it is **5DEF81**.

Distribution



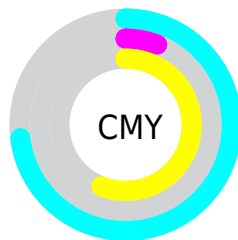
- Red (27%)
- Green (94%)
- Blue (44%)



- Red (27%)
- Yellow (80%)
- Blue (94%)



- Cyan (71%)
- Magenta (0%)
- Yellow (54%)
- Black (6%)



- Cyan (73%)
- Magenta (6%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45EF6F 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 45EF6F by changing the saturation by 10% instead.

 45EF6F

FFFFFF

 8AFFA5

 AAFFC1

 C9FFDE

 E8FFFB

 45EF6F

 07D255

 00B63A

 009A1E

 007F00

 006400

 004A00

 003300

 001700

 000000

 45EF6F

 45EF6F

 2DEF5D

 5DEF81

 15EF4B

 75EF93

 00EF3B

 8DEFA5

 A5EFB7

 BCEFC9

 D4EFDB

 ECEFED

 FFEFFF

Harmonies

Analogous

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



B9E127



45EF6F



00F6C0

Triad

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



45EF6F



00DFFF



FF8995

Complementary

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



45EF6F



EF45C5

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.



FF83E4



45EF6F



B4C3FF

Square

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



45EF6F



00F0FF



FF9EFF



FFA84E

Rectangle

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



45EF6F



00F7F7



FF9EFF



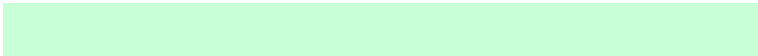
FF83AE

Sweetspot

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



45EF6F



C9FFD7



C7EF45



608067



000000



808080

Same Dimension

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



45EF6F



26FF5C



45EFC2



6C786F



00B82D



00380E

Inverse Universe

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



EF45C5



FF26C9



EF4572



786C75



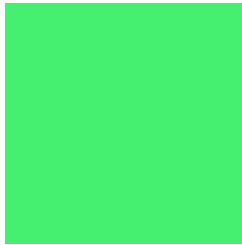
B8008A



38002A

Previews

White Background



This preview shows how the Hex color 45EF6F 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 45EF6F 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

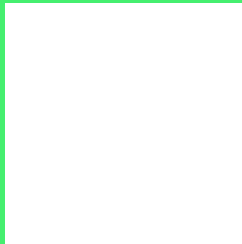
Any Text WCAG AAA ✓ Pass

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

Hex 45EF6F Background



This preview shows how black text looks on a background with the Hex color 45EF6F.

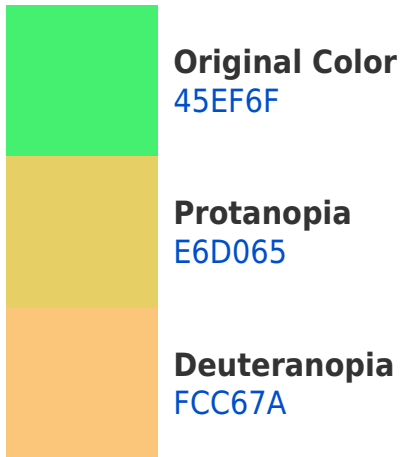


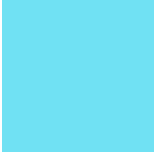
This preview shows how white text looks on a background with the Hex color 45EF6F.

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
70E1F3

Trichromacy



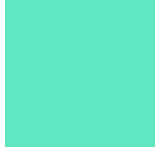
Original Color
45EF6F



Protanomaly
ABDB69



Deuteranomaly
B9D576



Tritanomaly
60E6C3

Monochromacy



Original Color
45EF6F



Achromatopsia
AEAEAE



Achromatomaly
88C697

CSS Examples

Text

The CSS property to change the color of the text to Hex 45EF6F 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 #45EF6F looks like.

```
.text, #text, p{  
    color:#45EF6F  
}
```

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 #45EF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45EF6F
}
```

Border

The CSS property to change the border of an element to Hex 45EF6F 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
#45EF6F }
```

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

```
.border{ border-color:#45EF6F }
```

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

Here you see how a box with a 4 pixel #45EF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45EF6F; -webkit-box-shadow:4px 4px  
4px 4px #45EF6F; box-shadow:4px 4px 4px  
4px #45EF6F }
```

Background

The CSS property to change the background color of an element to Hex 45EF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45EF6F }
```

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

```
.background{ background-color:#45EF6F }
```

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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