

Converting Colors

Hex(4EF68C)

Have a look what the booklet for
Hex(4EF68C) contains.

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Color

Hex(4EF68C)

Conversions

Conversions Part 1

Format	Color
Hex	4EF68C
RGB	78, 246, 140
RGB Percent	31%, 96%, 55%
CMY	0.6941, 0.0353, 0.4510
CMYK	0.68, 0.00, 0.43, 0.04
HSL	142°, 90%, 64%
HSV	142°, 68%, 96%
XYZ	40.8313, 69.4247, 36.0592
YIQ	183.6840, -66.1020, -68.5820

Conversions

Conversions Part 2

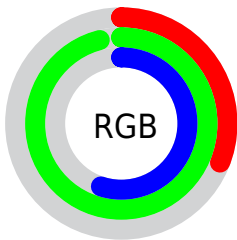
Format	Color
RYB	78, 201, 246
Decimal	5174924
CIELab	86.71, -65.46, 38.72
CIELCh	87, 76.055, 149.395
Yxy	69.4247, 0.2791, 0.4745
Android (android.graphics.Color)	4283365004 (0xFF4EF68C)
YUV	183.6840, -21.5362, -92.6849
Hunter-Lab	83.3215, -58.3395, 32.6660

Details

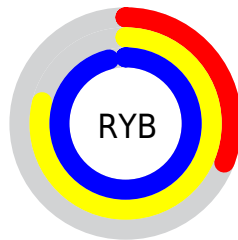
The Hex color **4EF68C** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F64EB8**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **91FFC3**, and **00BC58** is the 20% darker color. If you saturate the color by 10%, you get **35F67C**, and if you desaturate by 10%, it is **67F69C**.

Distribution



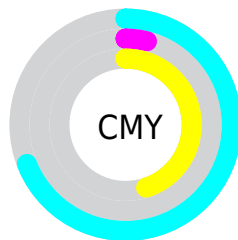
- Red (31%)
- Green (96%)
- Blue (55%)



- Red (31%)
- Yellow (79%)
- Blue (96%)



- Cyan (68%)
- Magenta (0%)
- Yellow (43%)
- Black (4%)



- Cyan (69%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EF68C 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 4EF68C by changing the saturation by 10% instead.

 4EF68C

 4EF68C

FFFFFF

 1FD972

 91FFC3

 00BC58

 B0FFDF

 00A03F

 CFFFFC

 008526

 EEEFFF

 006B0A

 005100

 003900

 001F00

 000000

 4EF68C

 4EF68C

 35F67C

 67F69C

 1DF66D

 7FF6AB

 04F65D

 98F6BB

 00F65B

 B0F6CA

 C9F6DA

 E2F6E9

 FAF6F9

 FFF6FF

Harmonies

Analogous

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



B8EA51



4EF68C



00FCD5

Triad

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



4EF68C



00E2FF



FF9F96

Complementary

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



4EF68C



F64EB8

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.



FF96DE



4EF68C



D7C7FF

Square

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



4EF68C



00F3FF



FFA8FF



FFB95B

Rectangle

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



4EF68C



00FCFF



FFA8FF



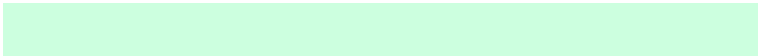
FF99AD

Sweetspot

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



4EF68C



CCFFDF



B8F64E



61806C



000000



808080

Same Dimension

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



4EF68C



2EFF7B



4EF6E0



6E7A73



00BA45



003B16

Inverse Universe

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



F64EB8



FF2EB2



F64E64



7A6E76



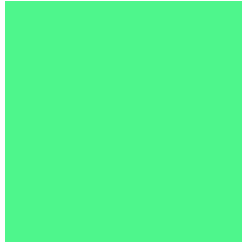
BA0075



3B0025

Previews

White Background



This preview shows how the Hex color 4EF68C 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 4EF68C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

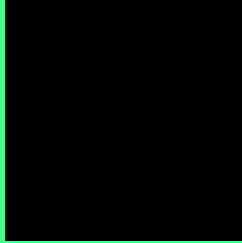
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

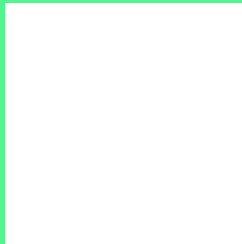
Any Text WCAG AAA ✓ Pass

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

Hex 4EF68C Background



This preview shows how black text looks on a background with the Hex color 4EF68C.

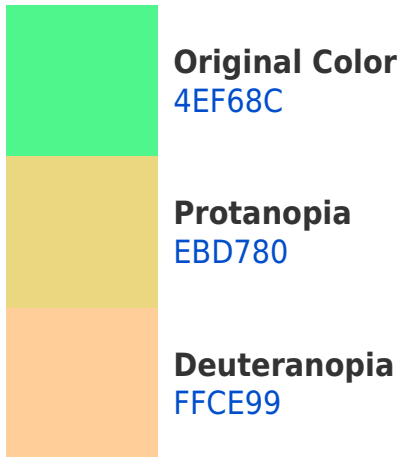


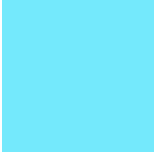
This preview shows how white text looks on a background with the Hex color 4EF68C.

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
74E9FC

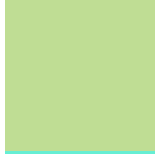
Trichromacy



Original Color
4EF68C



Protanomaly
B2E284



Deuteranomaly
BFDD94



Tritanomaly
66EED3

Monochromacy



Original Color
4EF68C



Achromatopsia
B8B8B8



Achromatomaly
91CFA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EF68C 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 #4EF68C looks like.

```
.text, #text, p{  
    color:#4EF68C  
}
```

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 #4EF68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EF68C
}
```

Border

The CSS property to change the border of an element to Hex 4EF68C 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
#4EF68C }
```

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

```
.border{ border-color:#4EF68C }
```

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

Here you see how a box with a 4 pixel #4EF68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EF68C; -webkit-box-shadow:4px 4px  
4px 4px #4EF68C; box-shadow:4px 4px 4px  
4px #4EF68C }
```

Background

The CSS property to change the background color of an element to Hex 4EF68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EF68C }
```

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

```
.background{ background-color:#4EF68C }
```

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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