

Converting Colors

Hex(4EFECC)

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

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Color

Hex(4EFECC)

Conversions

Conversions Part 1

Format	Color
Hex	4EFECC
RGB	78, 254, 204
RGB Percent	31%, 100%, 80%
CMY	0.6941, 0.0039, 0.2000
CMYK	0.69, 0.00, 0.20, 0.00
HSL	163°, 99%, 65%
HSV	163°, 69%, 100%
XYZ	49.4828, 76.8630, 69.3548
YIQ	195.6760, -88.8460, -52.8620

Conversions

Conversions Part 2

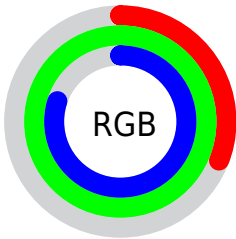
Format	Color
RYB	78, 181, 254
Decimal	5177036
CIELab	90.26, -55.78, 11.12
CIELCh	90, 56.878, 168.723
Yxy	76.8630, 0.2528, 0.3928
Android (android.graphics.Color)	4283367116 (0xFF4EFECC)
YUV	195.6760, 4.1037, -103.2019
Hunter-Lab	87.6715, -52.6778, 14.4672

Details

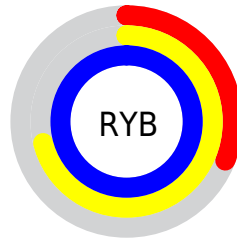
The Hex color **4EFECC** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FE4E80**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **93FFFF**, and **00C496** is the 20% darker color. If you saturate the color by 10%, you get **35FEC5**, and if you desaturate by 10%, it is **67FED3**.

Distribution



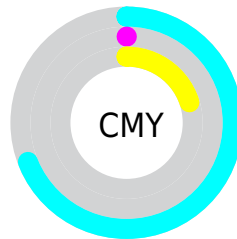
- Red (31%)
- Green (100%)
- Blue (80%)



- Red (31%)
- Yellow (71%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 4EFECC

 4EFECC

FFFFFF

 1BE1B1

 93FFFF

 00C496

 B3FFFF

 00A87C

 D2FFFF

 008D63

 F1FFFF

 00724B

 005934

 00401F

 002908

 000200

 4EFECC

 4EFECC

 35FEC5

 67FED3

 1BFEBE

 81FEDA

 02FEB6

 9AFEE2

 00FEB6

 B4FEE9

 CDFEF0

 E6FEF7

FFFEFF

Harmonies

Analogous

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



A4F799



4EFECC



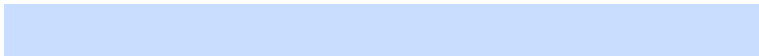
00FFFF

Triad

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



4EFECC



C8DDFF



FFC593

Complementary

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



4EFECC



FE4E80

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.



FFB8C3



4EFECC



FFC8FF

Square

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



4EFECC



55EFFF



FFB9FA



FFD977

Rectangle

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



4EFECC



00DFFF



FFB9FA



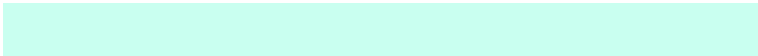
FFC0A2

Sweetspot

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



4EFECC



C9FFF0



83FE4E



608076



000000



808080

Same Dimension

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



4EFECC



2BFFC3



4EDBFE



73807C



00BF89



00402E

Inverse Universe

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



FE4E80



FF2B67



FE714E



807376



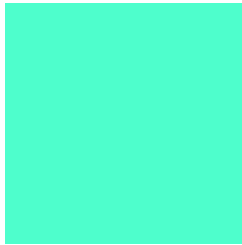
BF0036



400012

Previews

White Background



This preview shows how the Hex color 4EFECC looks on a white background.

Color Contrast Check

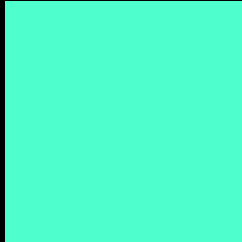
Large Text (above 18pt) WCAG AA × Fail

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 4EFECC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

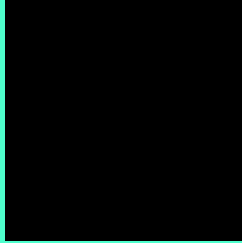
Any Text WCAG AA ✓ Pass

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 4EFECC Background



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

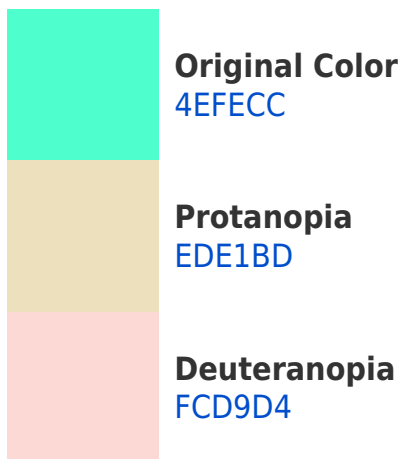


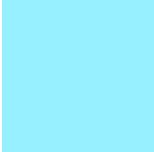
This preview shows how white text looks on a background with the Hex color 4EFECC.

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



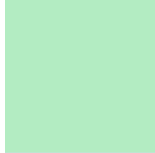


Tritanopia
97F0FF

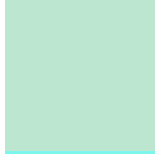
Trichromacy



Original Color
4EFECC



Protanomaly
B3ECC2



Deuteranomaly
BDE6D1

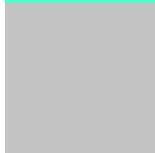


Tritanomaly
7CF5EC

Monochromacy



Original Color
4EFECC



Achromatopsia
C4C4C4



Achromatomaly
99D9C7

CSS Examples

Text

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

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

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 #4EFECC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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