

Converting Colors

Hex(5EFFCE)

Have a look what the booklet for
Hex(5EFFCE) contains.

Hex(5EFFCE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5EFFCE)

Conversions

Conversions Part 1

Format	Color
Hex	5EFFCE
RGB	94, 255, 206
RGB Percent	37%, 100%, 81%
CMY	0.6314, 0.0000, 0.1922
CMYK	0.63, 0.00, 0.19, 0.00
HSL	162°, 100%, 68%
HSV	162°, 63%, 100%
XYZ	51.5167, 78.3559, 70.8015
YIQ	201.2750, -80.2270, -49.3710

Conversions

Conversions Part 2

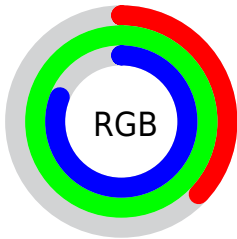
Format	Color
R_{YB}	94, 189, 255
Decimal	6225870
CIE _{Lab}	90.94, -53.29, 11.11
CIE _{LCh}	91, 54.436, 168.221
Yxy	78.3559, 0.2567, 0.3905
Android (android.graphics.Color)	4284415950 (0xFF5EFFCE)
YUV	201.2750, 2.3294, -94.0802
Hunter-Lab	88.5189, -51.0237, 14.5403

Details

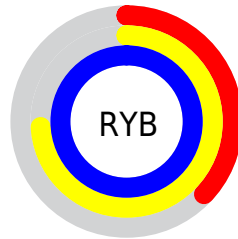
The Hex color **5EFFCE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FF5E8F**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **9FFFFFF**, and **00C598** is the 20% darker color. If you saturate the color by 10%, you get **45FFC6**, and if you desaturate by 10%, it is **78FFD6**.

Distribution



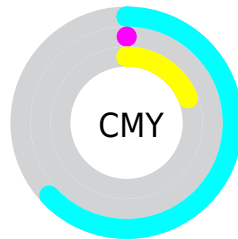
- Red (37%)
- Green (100%)
- Blue (81%)



- Red (37%)
- Yellow (74%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EFFCE 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 5EFFCE by changing the saturation by 10% instead.

 5EFFCE

 5EFFCE

FFFFFF

 38E2B2

 9FFFFFF

 00C598

 BEFFFF

 00A97E

 DDFFFF

 008E65

 FCFFFF

 00744D

 005A36

 004121

 002B0A

 000600

 5EFFCE

 5EFFCE

 45FFC6

 78FFD6

 2BFFBE

 91FFDE

 12FFB7

 ABFFE5

 00FFB1

 C4FFED

 DEFFF5

 F7FFFD

FFFFFF

Harmonies

Analogous

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



ABF89D



5EFFCE



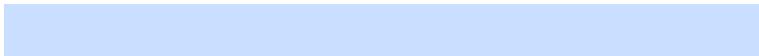
00FFFF

Triad

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



5EFFCE



CADFFF



FFC999

Complementary

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



5EFFCE



FF5E8F

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.



FFBCC7



5EFFCE



FFCCFF

Square

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



5EFFCE



64FOFF



FFBDFC



FFDB7E

Rectangle

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



5EFFCE



00FEFF



FFBDFC



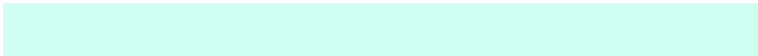
FFC3A7

Sweetspot

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



5EFFCE



CFFFF0



91FF5E



628077



000000



808080

Same Dimension

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



5EFFCE



3DFFC4



5EE1FF



73807C



00BF85



00402C

Inverse Universe

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



FF5E8F



FF3D78



FF7C5E



807377



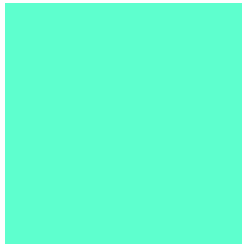
BF003A



400013

Previews

White Background



This preview shows how the Hex color 5EFFCE looks on a white background.

Color Contrast Check

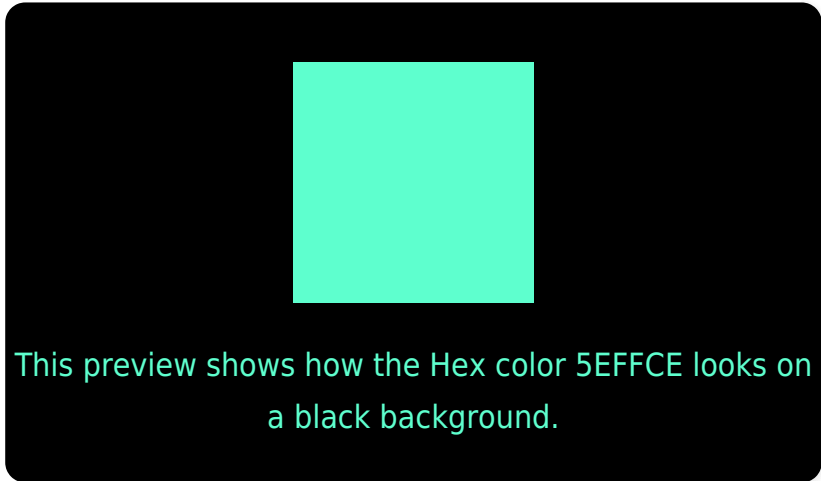
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

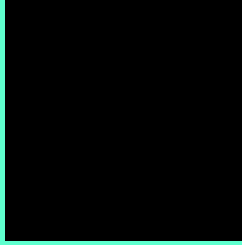
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

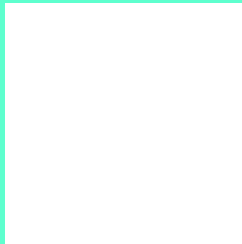
Any Text WCAG AAA ✓ Pass

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

Hex 5EFFCE Background



This preview shows how black text looks on a background with the Hex color 5EFFCE.

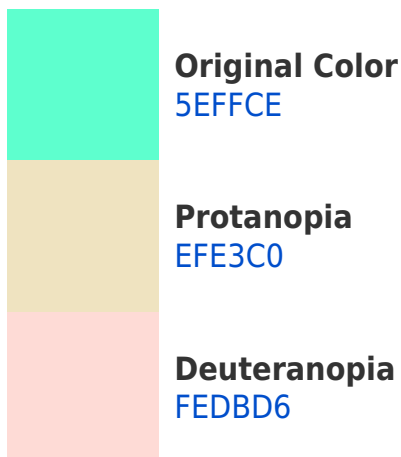


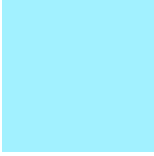
This preview shows how white text looks on a background with the Hex color 5EFFCE.

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
A2F1FF

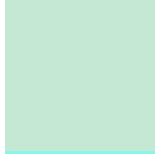
Trichromacy



Original Color
5EFFCE



Protanomaly
BAEDC5



Deuteranomaly
C4E8D3

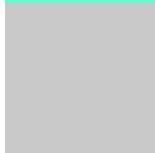


Tritanomaly
89F6ED

Monochromacy



Original Color
5EFFCE



Achromatopsia
C9C9C9



Achromatomaly
A2DDCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EFFCE 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 #5EFFCE looks like.

```
.text, #text, p{  
    color:#5EFFCE  
}
```

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 #5EFFCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFFCE
}
```

Border

The CSS property to change the border of an element to Hex 5EFFCE 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
#5EFFCE }
```

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

```
.border{ border-color:#5EFFCE }
```

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

Here you see how a box with a 4 pixel #5EFFCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFFCE; -webkit-box-shadow:4px 4px  
4px 4px #5EFFCE; box-shadow:4px 4px 4px  
4px #5EFFCE }
```

Background

The CSS property to change the background color of an element to Hex 5EFFCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFFCE }
```

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

```
.background{ background-color:#5EFFCE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor