

# Converting Colors

Hex(5CE7F4)

Have a look what the booklet for  
Hex(5CE7F4) contains.

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# **Color**

**Hex(5CE7F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CE7F4
RGB	92, 231, 244
RGB Percent	36%, 91%, 96%
CMY	0.6392, 0.0941, 0.0431
CMYK	0.62, 0.05, 0.00, 0.04
HSL	185°, 87%, 66%
HSV	185°, 62%, 96%
XYZ	49.3187, 65.9588, 95.7199
YIQ	190.9210, -87.0170, -25.4250

# Conversions

## Conversions Part 2

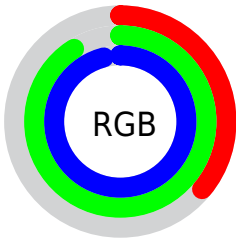
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 165, 244</a>
Decimal	<a href="#">6088692</a>
CIELab	<a href="#">84.98, -33.45, -17.50</a>
CIELCh	<a href="#">85, 37.752, 207.610</a>
Yxy	<a href="#">65.9588, 0.2337, 0.3126</a>
Android (android.graphics.Color)	<a href="#">4284278772 (0xFF5CE7F4)</a>
YUV	<a href="#">190.9210, 26.1679, -86.7537</a>
Hunter-Lab	<a href="#">81.2150, -33.7303, -13.0286</a>

# Details

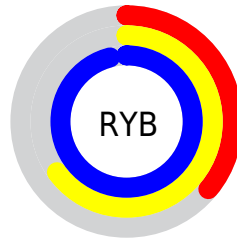
The Hex color **5CE7F4** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F4695C**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9DFFFF**, and **00AFBC** is the 20% darker color. If you saturate the color by 10%, you get **44E5F4**, and if you desaturate by 10%, it is **74E9F4**.

# Distribution



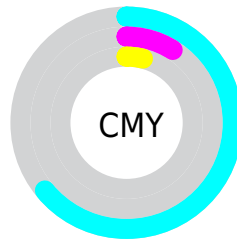
- Red (36%)
- Green (91%)
- Blue (96%)



- Red (36%)
- Yellow (65%)
- Blue (96%)



- Cyan (62%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (9%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CE7F4 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 5CE7F4 by changing the saturation by 10% instead.



 5CE7F4

 5CE7F4

FFFFFF

 35CBD8

 9DFFFF

 00AFBC

 BCFFFF

 0094A1

 DBFFFF

 007A87

 FAFFFF

 00606D

 004855

 00313E

 001B28

 000113

 5CE7F4

 5CE7F4

 44E5F4

 74E9F4

 2BE3F4

 8DEBF4

 13E1F4

 A5EDF4

 00DFF4

 BEEFF4

 D6F1F4

 EE4F4

 FFF6F4

 FFF8F4

 FFFAF4

# Harmonies

## Analogous

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



77E8D0



5CE7F4



6EE2FF

# Triad

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



5CE7F4



FFC0FB



F0D18D

# Complementary

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



5CE7F4



F4695C

# 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.



FFC599



5CE7F4



FFBAD8

# Square

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



5CE7F4



D5CCFF



FFBCB5



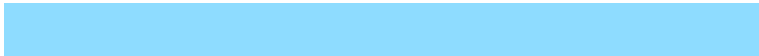
CADC94

# Rectangle

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



5CE7F4



8EDCFE



FFBCB5



FACD8F

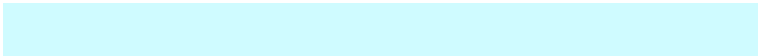


# Sweetspot

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



5CE7F4



CFFBFF



5CF469



627D80



000000



808080



# Same Dimension

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



5CE7F4



40EFFF



5C9BF4



6E797A



00AABA



00363B



# Inverse Universe

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



F45CE7



FF40EF



F4B55C



7A6E79



BA00AA

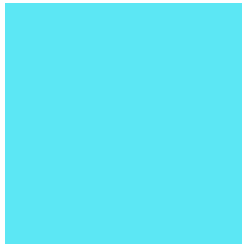


3B0036



# Previews

## White Background



This preview shows how the Hex color 5CE7F4 looks on a white background.

## Color Contrast Check

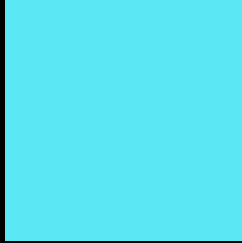
Large Text (above 18pt) WCAG AA × Fail

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 5CE7F4 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 5CE7F4 Background



This preview shows how black text looks on a background with the Hex color 5CE7F4.

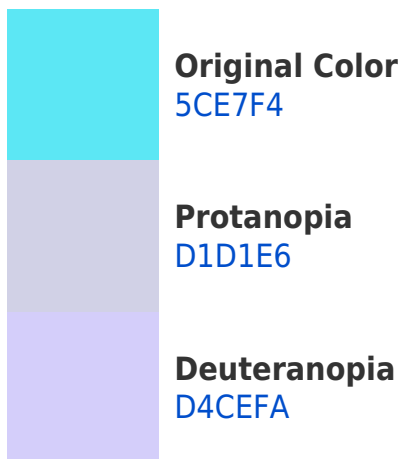


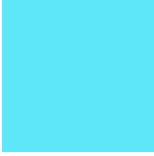
This preview shows how white text looks on a background with the Hex color 5CE7F4.

# 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



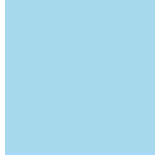


**Tritanopia**  
5EE6F9

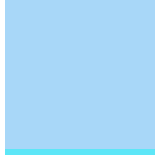
# Trichromacy



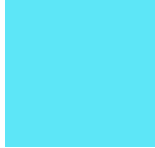
**Original Color**  
5CE7F4



**Protanomaly**  
A6D9EB



**Deuteranomaly**  
A8D7F8

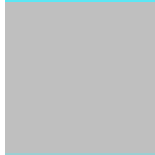


**Tritanomaly**  
5DE6F7

# Monochromacy



**Original Color**  
5CE7F4



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9BCED2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CE7F4 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 #5CE7F4 looks like.

```
.text, #text, p{  
    color:#5CE7F4  
}
```

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 #5CE7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE7F4
}
```

## Border

The CSS property to change the border of an element to Hex 5CE7F4 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
#5CE7F4 }
```

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

```
.border{ border-color:#5CE7F4 }
```

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

Here you see how a box with a 4 pixel #5CE7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE7F4; -webkit-box-shadow:4px 4px  
4px 4px #5CE7F4; box-shadow:4px 4px 4px  
4px #5CE7F4 }
```

# Background

The CSS property to change the background color of an element to Hex 5CE7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE7F4 }
```

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

```
.background{ background-color:#5CE7F4 }
```

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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