

Converting Colors

Hex(5CE9F4)

Have a look what the booklet for
Hex(5CE9F4) contains.

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Color

Hex(5CE9F4)

Conversions

Conversions Part 1

Format	Color
Hex	5CE9F4
RGB	92, 233, 244
RGB Percent	36%, 91%, 96%
CMY	0.6392, 0.0863, 0.0431
CMYK	0.62, 0.05, 0.00, 0.04
HSL	184°, 87%, 66%
HSV	184°, 62%, 96%
XYZ	49.8817, 67.0848, 95.9076
YIQ	192.0950, -87.5670, -26.4710

Conversions

Conversions Part 2

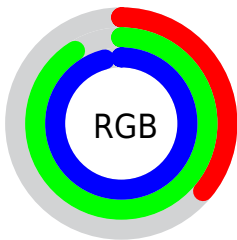
Format	Color
R _Y B	92, 165, 244
Decimal	6089204
CIE Lab	85.55, -34.39, -16.64
CIE LCh	86, 38.205, 205.814
Yxy	67.0848, 0.2343, 0.3151
Android (android.graphics.Color)	4284279284 (0xFF5CE9F4)
YUV	192.0950, 25.5892, -87.7833
Hunter-Lab	81.9053, -34.6248, -12.0923

Details

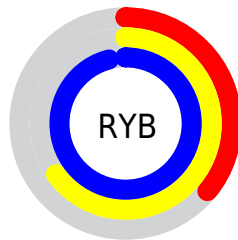
The Hex color **5CE9F4** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F4675C**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **9DFFFF**, and **00B1BC** is the 20% darker color. If you saturate the color by 10%, you get **44E7F4**, and if you desaturate by 10%, it is **74EBF4**.

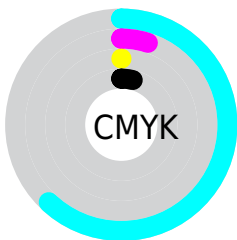
Distribution



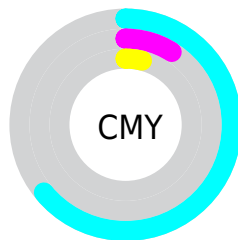
- Red (36%)
- Green (91%)
- Blue (96%)



- 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 5CE9F4 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 5CE9F4 by changing the saturation by 10% instead.

 5CE9F4

 5CE9F4


FFFFFF

 35CDD8

 9DFFFF

 00B1BC

 BCFFFF

 0096A1

 DBFFFF

 007C87

 FAFFFF

 00626D

 004A55

 00323E

 001D28

 000113

 5CE9F4

 5CE9F4

 44E7F4

 74EBF4

 2BE5F4

 8DEDF4

 13E4F4

 A5EEF4

 00E2F4

 BEF0F4

 D6F2F4

 EE4F4

 FFF5F4

 FFF7F4

 FFF9F4

Harmonies

Analogous

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



7AE9CF



5CE9F4



6BE4FF

Triad

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



5CE9F4



FFC2FF



F3D28E

Complementary

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



5CE9F4



F4675C

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.



FFC69B



5CE9F4



FFBBDC

Square

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



5CE9F4



D4CEFF



FFBCB8



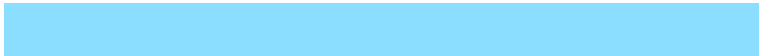
CEDD94

Rectangle

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



5CE9F4



8BDEFF



FFBCB8



FECE90

Sweetspot

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



5CE9F4



CFFBFF



5CF466



627D80



000000



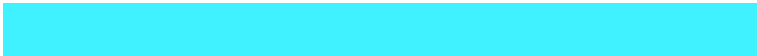
808080

Same Dimension

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



5CE9F4



40F1FF



5C9EF4



6E7A7A



00ADBA



00363B

Inverse Universe

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



F45CE9



FF40F1



F4B25C



7A6E7A



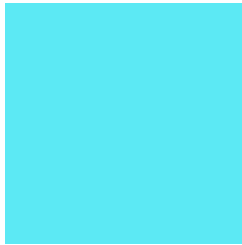
BA00AD



3B0036

Previews

White Background



This preview shows how the Hex color 5CE9F4 looks on a white background.

Color Contrast Check

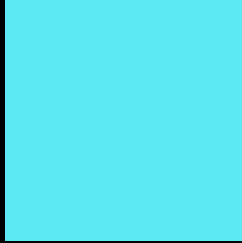
Large Text (above 18pt) WCAG AA × Fail

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 5CE9F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

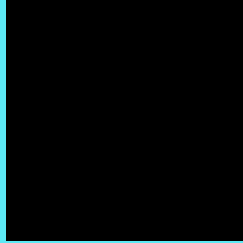
Any Text WCAG AA ✓ Pass

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 5CE9F4 Background



This preview shows how black text looks on a background with the Hex color 5CE9F4.

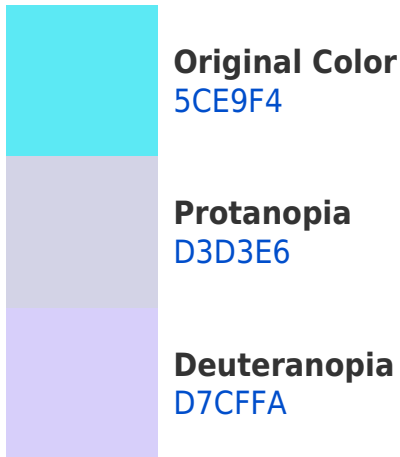


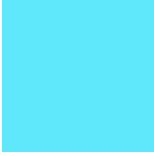
This preview shows how white text looks on a background with the Hex color 5CE9F4.

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



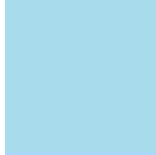


Tritanopia
5FE8FB

Trichromacy



Original Color
5CE9F4



Protanomaly
A8DBEB



Deuteranomaly
AAD8F8

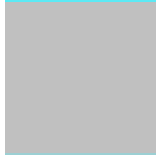


Tritanomaly
5EE8F8

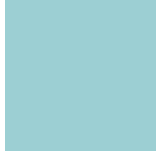
Monochromacy



Original Color
5CE9F4



Achromatopsia
C0C0C0



Achromatomaly
9CCFD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE9F4 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 #5CE9F4 looks like.

```
.text, #text, p{  
    color:#5CE9F4  
}
```

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 #5CE9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE9F4
}
```

Border

The CSS property to change the border of an element to Hex 5CE9F4 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
#5CE9F4 }
```

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

```
.border{ border-color:#5CE9F4 }
```

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

Here you see how a box with a 4 pixel #5CE9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE9F4; -webkit-box-shadow:4px 4px  
4px 4px #5CE9F4; box-shadow:4px 4px 4px  
4px #5CE9F4 }
```

Background

The CSS property to change the background color of an element to Hex 5CE9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE9F4 }
```

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

```
.background{ background-color:#5CE9F4 }
```

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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