

Converting Colors

Hex(5CE3F6)

Have a look what the booklet for
Hex(5CE3F6) contains.

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Color

Hex(5CE3F6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CE3F6 |
| RGB | 92, 227, 246 |
| RGB Percent | 36%, 89%, 96% |
| CMY | 0.6392, 0.1098, 0.0353 |
| CMYK | 0.63, 0.08, 0.00, 0.04 |
| HSL | 187°, 90%, 66% |
| HSV | 187°, 63%, 96% |
| XYZ | 48.5173, 63.8673, 96.9593 |
| YIQ | 188.8010, -86.5590, -22.7110 |

Conversions

Conversions Part 2

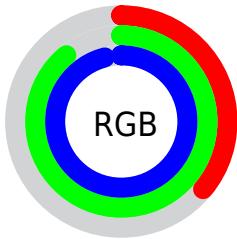
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 92, 164, 246 |
| Decimal | 6087670 |
| CIE Lab | 83.90, -30.99, -20.18 |
| CIE LCh | 84, 36.982, 213.070 |
| Yxy | 63.8673, 0.2318, 0.3051 |
| Android (android.graphics.Color) | 4284277750 (0xFF5CE3F6) |
| YUV | 188.8010, 28.1991, -84.8945 |
| Hunter-Lab | 79.9170, -31.4882, -15.9916 |

Details

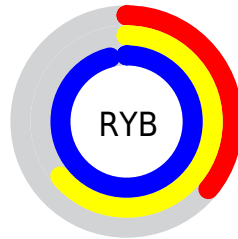
The Hex color **5CE3F6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F66F5C**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9DFFFF**, and **00ABBE** is the 20% darker color. If you saturate the color by 10%, you get **43E0F6**, and if you desaturate by 10%, it is **75E6F6**.

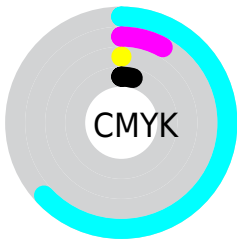
Distribution



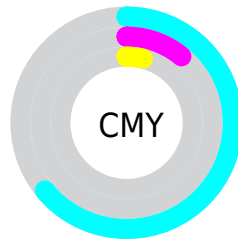
- Red (36%)
- Green (89%)
- Blue (96%)



- Red (36%)
- Yellow (64%)
- Blue (96%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE3F6 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 5CE3F6 by changing the saturation by 10% instead.

 5CE3F6

 5CE3F6


FFFFFF

 35C7DA

 9DFFFF

 00ABBE

 BBFFFF

 0090A3

 DAFFFF

 007688

 F9FFFF

 005D6F

 004557

 002E3F

 001829

 000114

 5CE3F6

 5CE3F6

 43E0F6

 75E6F6

 2BDDF6

 8DE9F6

 12DAF6

 A6ECF6

 00D8F6

 BEEFF6

 D7F2F6

 F0F5F6

 FFF8F6

 FFFBF6

 FFFEF6

Harmonies

Analogous

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



70E4D4



5CE3F6



75DDFF

Triad

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



5CE3F6



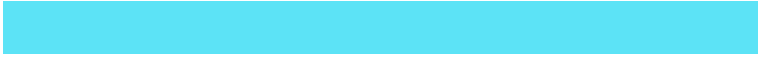
FFBCF1



E6D08B

Complementary

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



5CE3F6



F66F5C

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.



FFC494



5CE3F6



FFB7CF

Square

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



5CE3F6



DBC7FF



FFBAAD



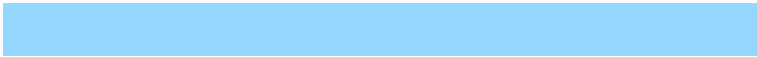
C1DA96

Rectangle

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



5CE3F6



96D7FF



FFBAAD



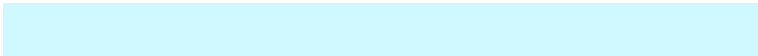
F1CC8C

Sweetspot

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



5CE3F6



CFF9FF



5CF66E



627C80



000000



808080

Same Dimension

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



5CE3F6



40E7FF



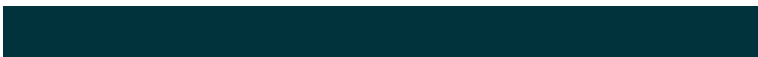
5C97F6



6E797A



00A3BA



00333B

Inverse Universe

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



F65CE3



FF40E7



F6BB5C



7A6E79



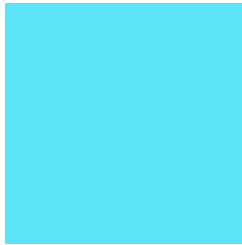
BA00A3



3B0033

Previews

White Background



This preview shows how the Hex color 5CE3F6 looks on a white background.

Color Contrast Check

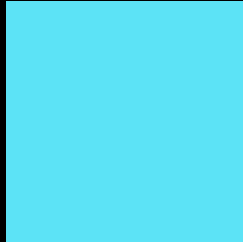
Large Text (above 18pt) WCAG AA × Fail

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 5CE3F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

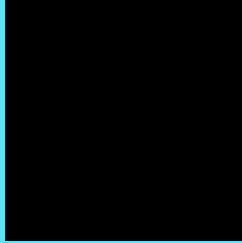
Any Text WCAG AA ✓ Pass

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 5CE3F6 Background



This preview shows how black text looks on a background with the Hex color 5CE3F6.

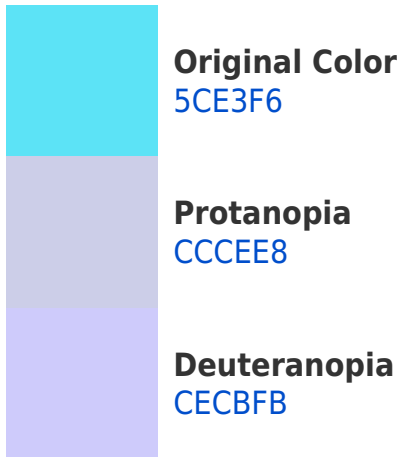


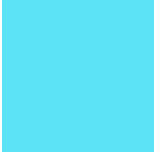
This preview shows how white text looks on a background with the Hex color 5CE3F6.

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



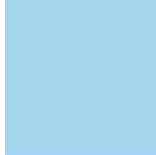


Tritanopia
5CE3F5

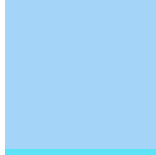
Trichromacy



Original Color
5CE3F6



Protanomaly
A3D6ED



Deuteranomaly
A5D4F9

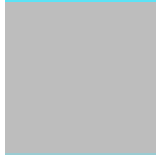


Tritanomaly
5CE3F5

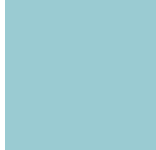
Monochromacy



Original Color
5CE3F6



Achromatopsia
BDBDBD



Achromatomaly
9ACBD2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE3F6 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 #5CE3F6 looks like.

```
.text, #text, p{  
    color:#5CE3F6  
}
```

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 #5CE3F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE3F6
}
```

Border

The CSS property to change the border of an element to Hex 5CE3F6 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
#5CE3F6 }
```

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

```
.border{ border-color:#5CE3F6 }
```

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

Here you see how a box with a 4 pixel #5CE3F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE3F6; -webkit-box-shadow:4px 4px  
4px 4px #5CE3F6; box-shadow:4px 4px 4px  
4px #5CE3F6 }
```

Background

The CSS property to change the background color of an element to Hex 5CE3F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE3F6 }
```

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

```
.background{ background-color:#5CE3F6 }
```

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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