

Converting Colors

Hex(6CF9CE)

Have a look what the booklet for
Hex(6CF9CE) contains.

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Color

Hex(6CF9CE)

Conversions

Conversions Part 1

Format	Color
Hex	6CF9CE
RGB	108, 249, 206
RGB Percent	42%, 98%, 81%
CMY	0.5765, 0.0235, 0.1922
CMYK	0.57, 0.00, 0.17, 0.02
HSL	162°, 92%, 70%
HSV	162°, 57%, 98%
XYZ	51.2006, 75.3957, 70.2468
YIQ	201.9390, -70.2330, -43.2650

Conversions

Conversions Part 2

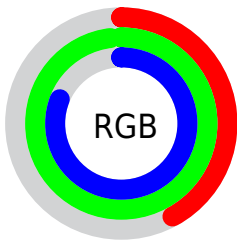
Format	Color
RYB	108, 191, 249
Decimal	7141838
CIELab	89.58, -48.25, 9.21
CIELCh	90, 49.117, 169.187
Yxy	75.3957, 0.2601, 0.3830
Android (android.graphics.Color)	4285331918 (0xFF6CF9CE)
YUV	201.9390, 2.0021, -82.3845
Hunter-Lab	86.8307, -46.6995, 12.8154

Details

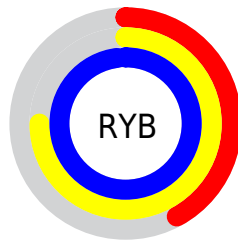
The Hex color **6CF9CE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F96C97**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A9FFFF**, and **21C098** is the 20% darker color. If you saturate the color by 10%, you get **53F9C6**, and if you desaturate by 10%, it is **85F9D6**.

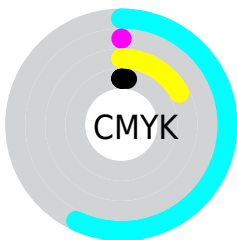
Distribution



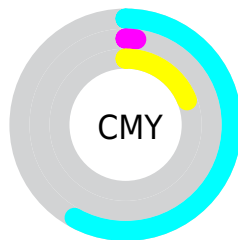
- Red (42%)
- Green (98%)
- Blue (81%)



- Red (42%)
- Yellow (75%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CF9CE 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 6CF9CE by changing the saturation by 10% instead.

 6CF9CE

FFFFFF

 A9FFFF

 C8FFFF

 E6FFFF

 6CF9CE

 4BDCB2

 21C098

 00A47E

 008965

 006F4D

 005536

 003D21

 00270B

 000000

 6CF9CE

 6CF9CE

 53F9C6

 85F9D6

 3AF9BF

 9EF9DD

 21F9B7

 B7F9E5

 08F9B0

 D0F9EC

 00F9AD

 E9F9F4

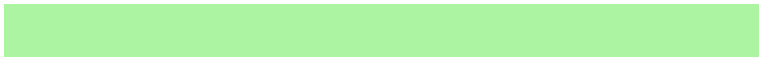
 FFF9FC

 FFF9FF

Harmonies

Analogous

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



ACF3A2



6CF9CE



00FAFE

Triad

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



6CF9CE



CDD8FF



FFC89C

Complementary

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



6CF9CE



F96C97

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.



FFBDC5



6CF9CE



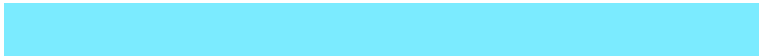
FFCAFF

Square

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



6CF9CE



7BEBFF



FFBEF4



FFD985

Rectangle

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



6CF9CE



00F8FF



FFBEF4



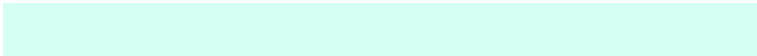
FFC4A8

Sweetspot

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



6CF9CE



D4FFF2



99F96C



668078



000000



808080

Same Dimension

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



6CF9CE



52FFCA



6CDFF9



707D79



00BD83



003D2B

Inverse Universe

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



F96C97



FF5286



F9866C



7D7074



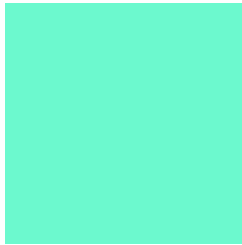
BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 6CF9CE looks on a white background.

Color Contrast Check

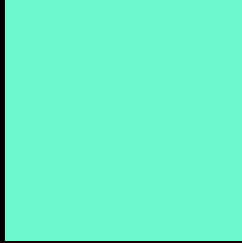
Large Text (above 18pt) WCAG AA × Fail

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 6CF9CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

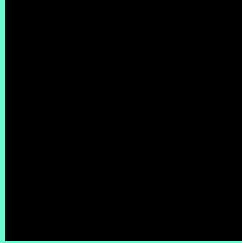
Any Text WCAG AA ✓ Pass

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 6CF9CE Background



This preview shows how black text looks on a background with the Hex color 6CF9CE.

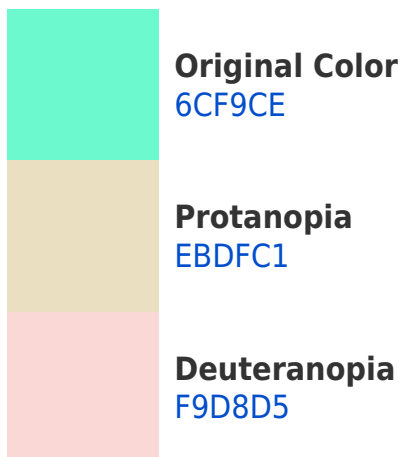


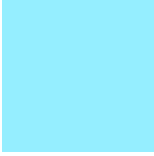
This preview shows how white text looks on a background with the Hex color 6CF9CE.

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
95EEFF

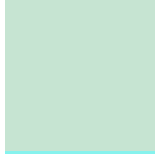
Trichromacy



Original Color
6CF9CE



Protanomaly
BDE8C6



Deuteranomaly
C6E4D2

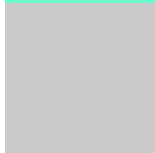


Tritanomaly
86F2ED

Monochromacy



Original Color
6CF9CE



Achromatopsia
CACACA



Achromatomaly
A8DBC B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CF9CE 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 #6CF9CE looks like.

```
.text, #text, p{  
    color:#6CF9CE  
}
```

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 #6CF9CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF9CE
}
```

Border

The CSS property to change the border of an element to Hex 6CF9CE 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
#6CF9CE }
```

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

```
.border{ border-color:#6CF9CE }
```

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

Here you see how a box with a 4 pixel #6CF9CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF9CE; -webkit-box-shadow:4px 4px  
4px 4px #6CF9CE; box-shadow:4px 4px 4px  
4px #6CF9CE }
```

Background

The CSS property to change the background color of an element to Hex 6CF9CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF9CE }
```

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

```
.background{ background-color:#6CF9CE }
```

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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