

Converting Colors

Hex(6CFE9F)

Have a look what the booklet for
Hex(6CFE9F) contains.

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Color

Hex(6CFE9F)

Conversions

Conversions Part 1

Format	Color
Hex	6CFE FF
RGB	108, 254, 255
RGB Percent	42%, 100%, 100%
CMY	0.5765, 0.0039, 0.0000
CMYK	0.58, 0.00, 0.00, 0.00
HSL	180°, 100%, 71%
HSV	180°, 58%, 100%
XYZ	59.6762, 81.2918, 107.1534
YIQ	210.4600, -87.3370, -30.6410

Conversions

Conversions Part 2

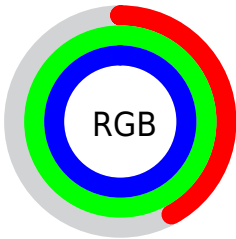
Format	Color
RYB	108, 181, 255
Decimal	7143167
CIELab	92.26, -38.50, -12.28
CIELCh	92, 40.409, 197.688
Yxy	81.2918, 0.2405, 0.3276
Android (android.graphics.Color)	4285333247 (0xFF6CFE9F)
YUV	210.4600, 21.9582, -89.8574
Hunter-Lab	90.1619, -39.6383, -7.3501

Details

The Hex color **6CFE6F** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6D6C**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **ACFFFF**, and **12C5C6** is the 20% darker color. If you saturate the color by 10%, you get **53FE6F**, and if you desaturate by 10%, it is **86FE6F**.

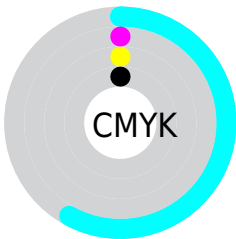
Distribution



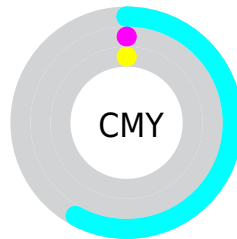
- Red (42%)
- Green (100%)
- Blue (100%)



- Red (42%)
- Yellow (71%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CFE9F 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 6CFE9F by changing the saturation by 10% instead.

 6CFE9F

 6CFE9F

FFFFFF

 48E1E2

 ACFFFF

 12C5C6

 CBFFFF

 00A9AB

 EAFFFF

 008E91

 007477

 005B5E

 004247

 002C30

 00101C

 6CFE9F

 6CFE9F

 53FE9F

 86FE9F

 39FE9F

 9FFE9F

 20FD9F

 B9FF9F

 06FD9F

 D2FF9F

 00FD9F

 ECF99F

FFFFFF

Harmonies

Analogous

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



92FDD7



6CFE9F



6DFAFF

Triad

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



6CFE9F



FF70FF



FFD700

Complementary

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



6CFE FF



FF6D 6C

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.



FFD4B1



6CFE9F



FFCDDA

Square

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



6CFE FF



D7E5 FF



FFCD D3



EC EE9E

Rectangle

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



6CFE FF



8AF5 FF



FFCD 3



FFDCA 2

Sweetspot

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



6CFE FF



D4FF FF



6CFF 6C



667F 80



0000 00



8080 80

Same Dimension

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



6CFE9F



4FFE9F



6CB69F



737F80



00BEBF



003F40

Inverse Universe

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



FF6CFE



FF4FFE



FFB66C



80737F



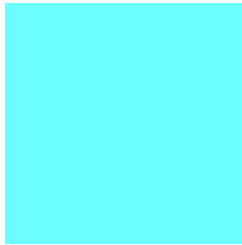
BF00BE



40003F

Previews

White Background



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

Color Contrast Check

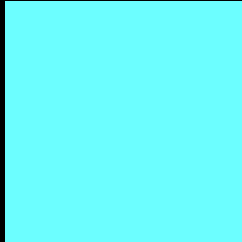
Large Text (above 18pt) WCAG AA × Fail

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 6CFE FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

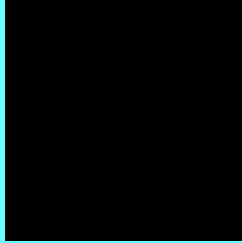
Any Text WCAG AA ✓ Pass

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 6CFE9F Background



This preview shows how black text looks on a background with the Hex color 6CFE9F.



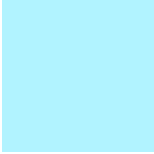
This preview shows how white text looks on a background with the Hex color 6CFE9F.

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
B1F3FF

Trichromacy



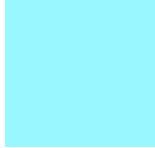
Original Color
6CFE FF



Protanomaly
BBE FF5



Deuteranomaly
BFEC FF

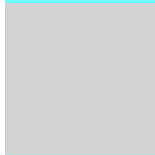


Tritanomaly
98F7 FF

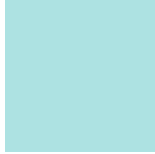
Monochromacy



Original Color
6CFE FF



Achromatopsia
D2D2 D2



Achromatomaly
ADE2 E2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CFE9F 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 #6CFE9F looks like.

```
.text, #text, p{  
    color:#6CFE9F  
}
```

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 #6CFE9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFE9F
}
```

Border

The CSS property to change the border of an element to Hex 6CFE9F 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
#6CFE9F }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Hex 6CFE9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFE9F }
```

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

```
.background{ background-color:#6CFE9F }
```

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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