

Converting Colors

Hex(6AFBF9)

Have a look what the booklet for
Hex(6AFBF9) contains.

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Color

Hex(6AFBF9)

Conversions

Conversions Part 1

Format	Color
Hex	6AFBF9
RGB	106, 251, 249
RGB Percent	42%, 98%, 98%
CMY	0.5843, 0.0157, 0.0235
CMYK	0.58, 0.00, 0.01, 0.02
HSL	179°, 95%, 70%
HSV	179°, 58%, 98%
XYZ	57.5399, 78.8981, 101.8187
YIQ	207.4170, -85.7780, -31.3620

Conversions

Conversions Part 2

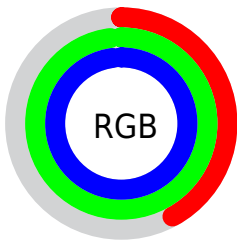
Format	Color
RYB	106, 179, 251
Decimal	7011321
CIELab	91.19, -39.04, -10.77
CIELCh	91, 40.502, 195.422
Yxy	78.8981, 0.2415, 0.3311
Android (android.graphics.Color)	4285201401 (0xFF6AFBF9)
YUV	207.4170, 20.5004, -88.9427
Hunter-Lab	88.8246, -39.8120, -5.7863

Details

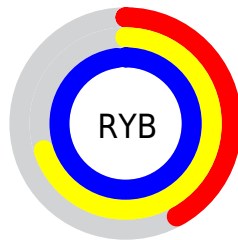
The Hex color **6AFBF9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FB6A6C**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **AAFFFF**, and **0FC2C1** is the 20% darker color. If you saturate the color by 10%, you get **51FBF9**, and if you desaturate by 10%, it is **83FBF9**.

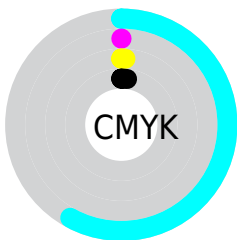
Distribution



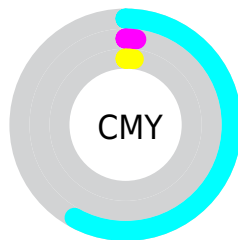
- Red (42%)
- Green (98%)
- Blue (98%)



- Red (42%)
- Yellow (70%)
- Blue (98%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6AFBF9 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 6AFBF9 by changing the saturation by 10% instead.

 6AFBF9

FFFFFF

 AAFFFF

 C9FFFF

 E8FFFF

 6AFBF9

 46DEDC

 0FC2C1

 00A6A6

 008B8B

 007172

 005859

 004042

 002A2C

 000918

 6AFBF9

 6AFBF9

 51FBF9


 83FBF9

 38FBF8

 9CFBFA

 1FFBF8

 B5FBFA

 06FBF8

 CEFBFA

 00FBF8

 E7FBFB

 FFFBFB

 FFFBFC

Harmonies

Analogous

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



92FAD1



6AFBF9



66F8FF

Triad

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



6AFBF9



FFD5FF



FFDD9B

Complementary

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



6AFBF9



FB6A6C

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.



FFD0B0



6AFBF9



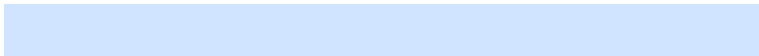
FFCBFA

Square

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



6AFBF9



D0E3FF



FFC9D3



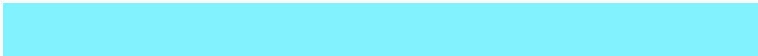
ECEA9A

Rectangle

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



6AFBF9



82F2FF



FFC9D3



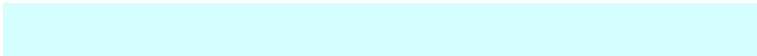
FFD8A0

Sweetspot

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



6AFBF9



D4FFFE



6CFB6A



66807F



000000



808080

Same Dimension

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



6AFBF9



4FFFFD



6AB5FB



707D7D



00BDBA



003D3C

Inverse Universe

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



FB6A6C



FF4F51



FBB06A



7D7071



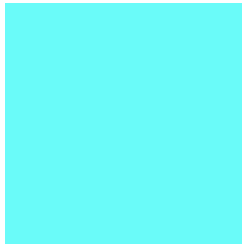
BD0003



3D0001

Previews

White Background



This preview shows how the Hex color 6AFBF9 looks on a white background.

Color Contrast Check

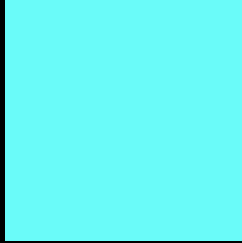
Large Text (above 18pt) WCAG AA × Fail

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 6AFBF9 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 6AFBF9 Background



This preview shows how black text looks on a background with the Hex color 6AFBF9.

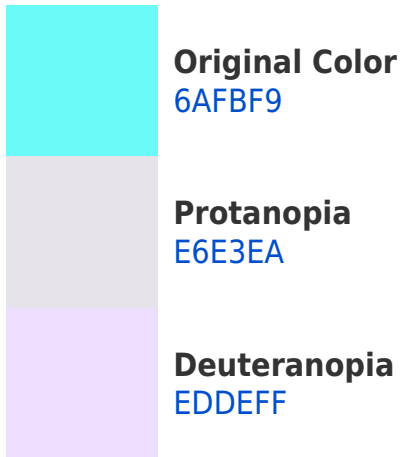


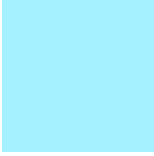
This preview shows how white text looks on a background with the Hex color 6AFBF9.

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
A5F1FF

Trichromacy



Original Color
6AFBF9



Protanomaly
B9ECEF



Deuteranomaly
BDE9FD

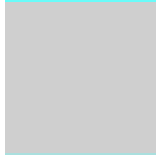


Tritanomaly
90F5FD

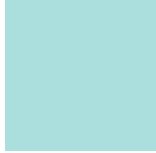
Monochromacy



Original Color
6AFBF9



Achromatopsia
CFCFCF



Achromatomaly
AADFDE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFBF9 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 #6AFBF9 looks like.

```
.text, #text, p{  
    color:#6AFBF9  
}
```

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 #6AFBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFBF9
}
```

Border

The CSS property to change the border of an element to Hex 6AFBF9 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
#6AFBF9 }
```

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

```
.border{ border-color:#6AFBF9 }
```

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

Here you see how a box with a 4 pixel #6AFBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFBF9; -webkit-box-shadow:4px 4px  
4px 4px #6AFBF9; box-shadow:4px 4px 4px  
4px #6AFBF9 }
```

Background

The CSS property to change the background color of an element to Hex 6AFBF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFBF9 }
```

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

```
.background{ background-color:#6AFBF9 }
```

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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