

Converting Colors

Hex(6AF9F1)

Have a look what the booklet for
Hex(6AF9F1) contains.

Hex(6AF9F1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AF9F1)

Conversions

Conversions Part 1

Format	Color
Hex	6AF9F1
RGB	106, 249, 241
RGB Percent	42%, 98%, 95%
CMY	0.5843, 0.0235, 0.0549
CMYK	0.57, 0.00, 0.03, 0.02
HSL	177°, 92%, 70%
HSV	177°, 57%, 98%
XYZ	55.6967, 77.1664, 95.1782
YIQ	205.3310, -82.6600, -32.8040

Conversions

Conversions Part 2

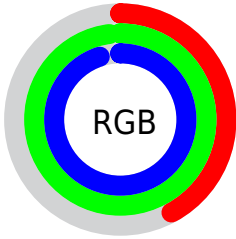
Format	Color
R_{YB}	106, 180, 249
Decimal	7010801
CIE _{Lab}	90.40, -40.20, -7.78
CIE _{LCh}	90, 40.951, 190.959
Yxy	77.1664, 0.2442, 0.3384
Android (android.graphics.Color)	4285200881 (0xFF6AF9F1)
YUV	205.3310, 17.5848, -87.1133
Hunter-Lab	87.8444, -40.5519, -2.7488

Details

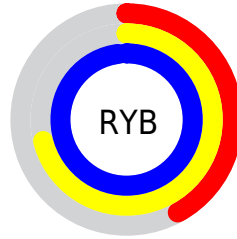
The Hex color **6AF9F1** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F96A72**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A9FFFF**, and **14C0B9** is the 20% darker color. If you saturate the color by 10%, you get **51F9F0**, and if you desaturate by 10%, it is **83F9F2**.

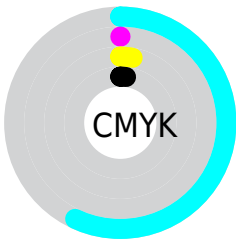
Distribution



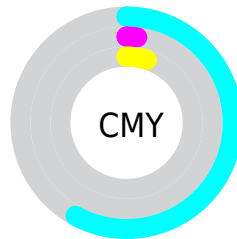
- Red (42%)
- Green (98%)
- Blue (95%)



- Red (42%)
- Yellow (71%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF9F1 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 6AF9F1 by changing the saturation by 10% instead.

 6AF9F1

 6AF9F1

FFFFFF

 47DCD5

 A9FFFF

 14C0B9

 C8FFFF

 00A49E

 E7FFFF

 008A84

 00706B

 005653

 003E3C

 002926

 000412

 6AF9F1

 6AF9F1

 51F9F0

 83F9F2

 38F9EE

 9CF9F4

 1FF9ED

 B5F9F5

 06F9EB

 CEF9F7

 00F9EB

 E6F9F8

 FFF9F9

 FFF9FB

 FFF9FC

 FFF9FE

Harmonies

Analogous

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



96F7C9



6AF9F1



5DF6FF

Triad

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



6AF9F1



FBD4FF



FFD89A

Complementary

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



6AF9F1



F96A72

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.



FFCCB2



6AF9F1



FFC9FE

Square

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



6AF9F1



C4E2FF



FFC6D6



F0E696

Rectangle

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



6AF9F1



76F2FF



FFC6D6



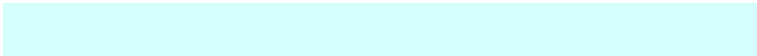
FFD4A0

Sweetspot

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



6AF9F1



D4FFFD



74F96A



66807E



000000



808080

Same Dimension

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



6AF9F1



4FFFF5



6ABBF9



707D7C



00BDB2



003D3A

Inverse Universe

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



F96A72



FF4F59



F9A86A



7D7071



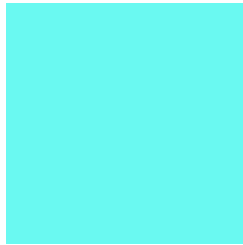
BD000B



3D0003

Previews

White Background



This preview shows how the Hex color 6AF9F1 looks on a white background.

Color Contrast Check

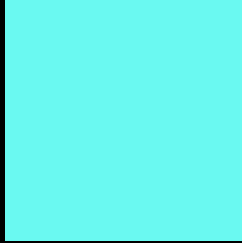
Large Text (above 18pt) WCAG AA × Fail

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 6AF9F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

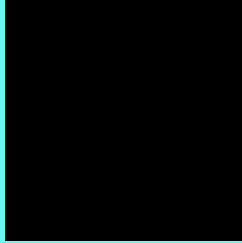
Any Text WCAG AA ✓ Pass

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 6AF9F1 Background



This preview shows how black text looks on a background with the Hex color 6AF9F1.

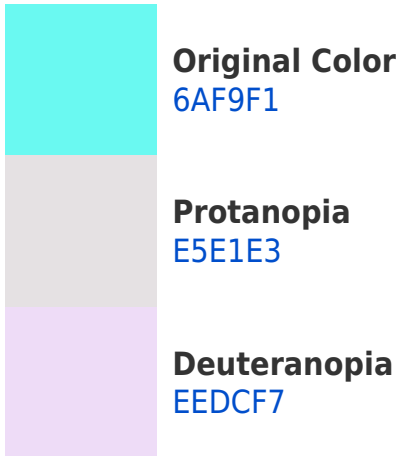


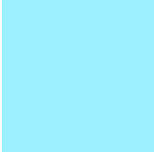
This preview shows how white text looks on a background with the Hex color 6AF9F1.

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



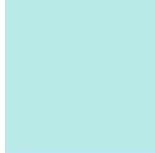


Tritanopia
9CF0FF

Trichromacy



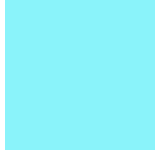
Original Color
6AF9F1



Protanomaly
B8EAE8



Deuteranomaly
BEE7F5

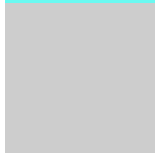


Tritanomaly
8AF3FA

Monochromacy



Original Color
6AF9F1



Achromatopsia
CDCDCD



Achromatomaly
A9DDDA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF9F1 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 #6AF9F1 looks like.

```
.text, #text, p{  
    color:#6AF9F1  
}
```

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 #6AF9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF9F1
}
```

Border

The CSS property to change the border of an element to Hex 6AF9F1 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
#6AF9F1 }
```

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

```
.border{ border-color:#6AF9F1 }
```

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

Here you see how a box with a 4 pixel #6AF9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF9F1; -webkit-box-shadow:4px 4px  
4px 4px #6AF9F1; box-shadow:4px 4px 4px  
4px #6AF9F1 }
```

Background

The CSS property to change the background color of an element to Hex 6AF9F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF9F1 }
```

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

```
.background{ background-color:#6AF9F1 }
```

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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