

Converting Colors

Hex(6AFFD0)

Have a look what the booklet for
Hex(6AFFD0) contains.

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Color

Hex(6AFFD0)

Conversions

Conversions Part 1

Format	Color
Hex	6AFFD0
RGB	106, 255, 208
RGB Percent	42%, 100%, 82%
CMY	0.5843, 0.0000, 0.1843
CMYK	0.58, 0.00, 0.18, 0.00
HSL	161°, 100%, 71%
HSV	161°, 58%, 100%
XYZ	53.0890, 79.1382, 72.1516
YIQ	205.0910, -73.7170, -46.2050

Conversions

Conversions Part 2

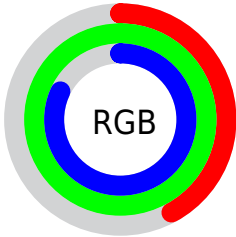
Format	Color
RYB	106, 194, 255
Decimal	7012304
CIELab	91.30, -50.71, 10.63
CIElCh	91, 51.814, 168.162
Yxy	79.1382, 0.2598, 0.3872
Android (android.graphics.Color)	4285202384 (0xFF6AFFD0)
YUV	205.0910, 1.4341, -86.9028
Hunter-Lab	88.9597, -49.1549, 14.1840

Details

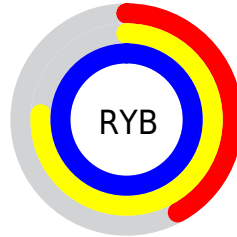
The Hex color **6AFFD0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6A99**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A8FFFF**, and **18C59A** is the 20% darker color. If you saturate the color by 10%, you get **51FFC8**, and if you desaturate by 10%, it is **84FFD8**.

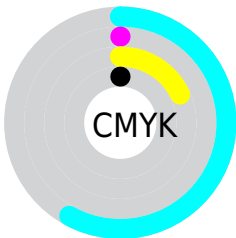
Distribution



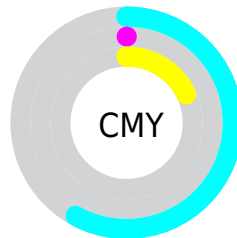
- Red (42%)
- Green (100%)
- Blue (82%)



- Red (42%)
- Yellow (76%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AFFD0 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 6AFFD0 by changing the saturation by 10% instead.

 6AFFD0

FFFFFF

 A8FFFF

 C7FFFF

 E6FFFF

 6AFFD0

 48E2B4

 18C59A

 00AA80

 008E67

 00744F

 005A38

 004122

 002C0D

 000900

 6AFFD0

 6AFFD0

 51FFC8

 84FFD8

 37FFC0

 9DFFE0

 1EFFB8

 B7FFE8

 04FFB0

 D0FFF0

 00FFAF

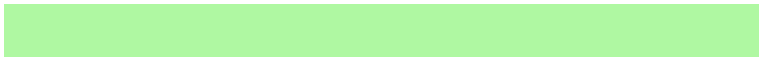
 EAFFF8

FFFFFF

Harmonies

Analogous

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



AFF8A2



6AFFD0



00FFFF

Triad

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



6AFFD0



CDE1FF



FFCB9E

Complementary

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



6AFFD0



FF6A99

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.



FFC0CA



6AFFD0



FFCEFF

Square

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



6AFFD0



72F1FF



FFC1FC



FFDC84

Rectangle

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



6AFFD0



00FEFF



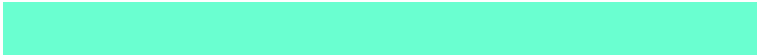
FFC1FC



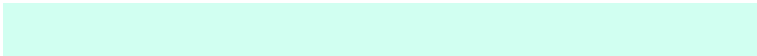
FFC6AB

Sweetspot

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



6AFFD0



D1FFF1



99FF6A



638077



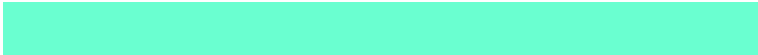
000000



808080

Same Dimension

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



6AFFD0



4DFFC7



6AE4FF



73807B



00BF83



00402C

Inverse Universe

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



FF6A99



FF4D85



FF856A



807377



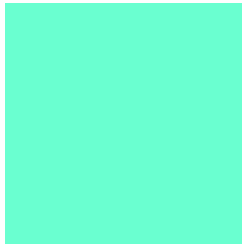
BF003C



400014

Previews

White Background



This preview shows how the Hex color 6AFFD0 looks on a white background.

Color Contrast Check

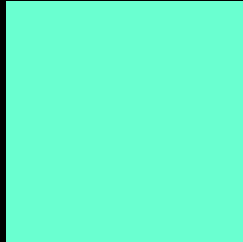
Large Text (above 18pt) WCAG AA × Fail

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 6AFFD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

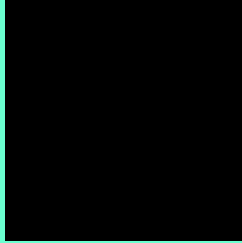
Any Text WCAG AA ✓ Pass

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 6AFFD0 Background



This preview shows how black text looks on a background with the Hex color 6AFFD0.

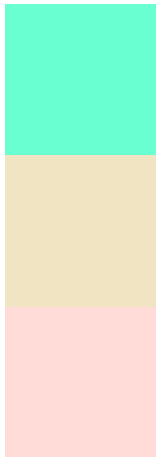


This preview shows how white text looks on a background with the Hex color 6AFFD0.

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](#).

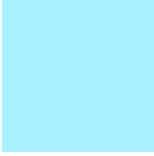
Dichromacy



Original Color
6AFFD0

Protanopia
F0E4C2

Deuteranopia
FFDCD7



Tritanopia
A8F1FF

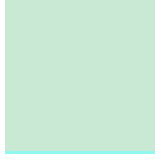
Trichromacy



Original Color
6AFFD0



Protanomaly
BFEEC7



Deuteranomaly
C9E9D4

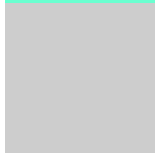


Tritanomaly
91F6EE

Monochromacy



Original Color
6AFFD0



Achromatopsia
CDCDCD



Achromatomaly
A9DFCE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFFD0 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 #6AFFD0 looks like.

```
.text, #text, p{  
    color:#6AFFD0  
}
```

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 #6AFFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFFD0
}
```

Border

The CSS property to change the border of an element to Hex 6AFFD0 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
#6AFFD0 }
```

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

```
.border{ border-color:#6AFFD0 }
```

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

Here you see how a box with a 4 pixel #6AFFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFFD0; -webkit-box-shadow:4px 4px  
4px 4px #6AFFD0; box-shadow:4px 4px 4px  
4px #6AFFD0 }
```

Background

The CSS property to change the background color of an element to Hex 6AFFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFFD0 }
```

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

```
.background{ background-color:#6AFFD0 }
```

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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