

Converting Colors

Hex(6AFFE7)

Have a look what the booklet for
Hex(6AFFE7) contains.

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Color

Hex(6AFFE7)

Conversions

Conversions Part 1

Format	Color
Hex	6AFFE7
RGB	106, 255, 231
RGB Percent	42%, 100%, 91%
CMY	0.5843, 0.0000, 0.0941
CMYK	0.58, 0.00, 0.09, 0.00
HSL	170°, 100%, 71%
HSV	170°, 58%, 100%
XYZ	56.1277, 80.3537, 88.1529
YIQ	207.7130, -81.1000, -39.0520

Conversions

Conversions Part 2

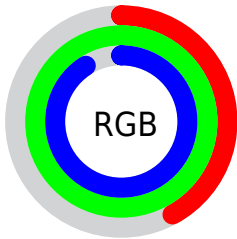
Format	Color
RYB	106, 187, 255
Decimal	7012327
CIELab	91.84, -45.36, -0.47
CIElCh	92, 45.360, 180.590
Yxy	80.3537, 0.2499, 0.3577
Android (android.graphics.Color)	4285202407 (0xFF6AFFE7)
YUV	207.7130, 11.4805, -89.2023
Hunter-Lab	89.6402, -45.1037, 4.4419

Details

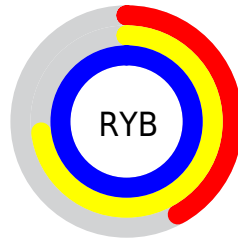
The Hex color **6AFFE7** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6A82**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **A9FFFF**, and **13C6B0** is the 20% darker color. If you saturate the color by 10%, you get **51FFE3**, and if you desaturate by 10%, it is **84FFEB**.

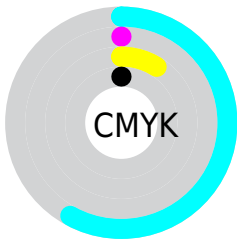
Distribution



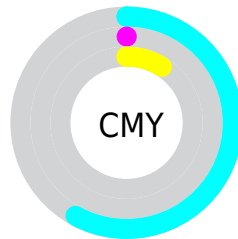
- Red (42%)
- Green (100%)
- Blue (91%)



- Red (42%)
- Yellow (73%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AFFE7 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 6AFFE7 by changing the saturation by 10% instead.

 6AFFE7

FFFFFF

 A9FFFF

 C8FFFF

 E7FFFF

 6AFFE7

 47E2CB

 13C6B0

 00AA95

 008F7B

 007462

 005B4B

 004234

 002C1F

 000D08

 6AFFE7

 6AFFE7

 51FFE3

 84FFEB

 37FFDF

 9DFFEF

 1EFFDB

 B7FFF3

 04FFD7

 D0FFF7

 00FFD6

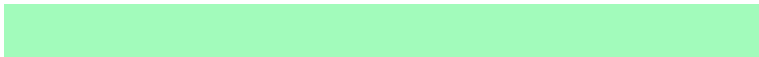
 EAFFFC

FFFFFF

Harmonies

Analogous

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



A2FBBB



6AFFE7



3DFEFF

Triad

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



6AFFE7



EEDCFF



FFD69D

Complementary

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



6AFFE7



FF6A82

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.



FFCABD



6AFFE7



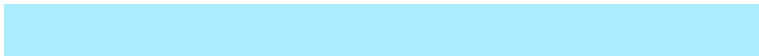
FFCDFF

Square

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



6AFFE7



ABECFF



FFC6E8



FFE590

Rectangle

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



6AFFE7



4EFAFF



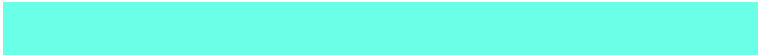
FFC6E8



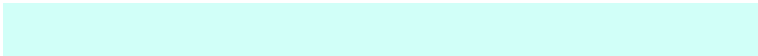
FFD1A6

Sweetspot

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



6AFFE7



D1FFF8



83FF6A



63807B



000000



808080

Same Dimension

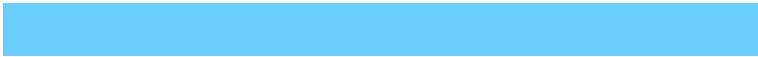
The Same Dimension uses a secret algorithm to generate beautiful new colors.



6AFFE7



4DFFE2



6ACDFF



73807D



00BFA0



004035

Inverse Universe

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



FF6A82



FF4D69



FF9C6A



807375



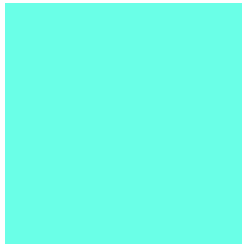
BF001F



40000A

Previews

White Background



This preview shows how the Hex color 6AFFE7 looks on a white background.

Color Contrast Check

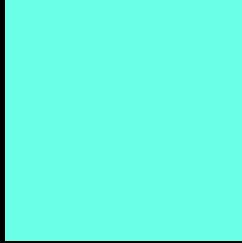
Large Text (above 18pt) WCAG AA × Fail

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 6AFFE7 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 6AFFE7 Background



This preview shows how black text looks on a background with the Hex color 6AFFE7.

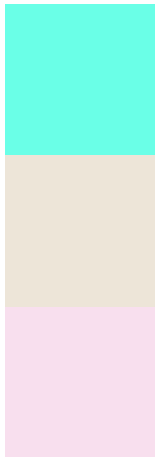


This preview shows how white text looks on a background with the Hex color 6AFFE7.

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](#).

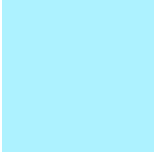
Dichromacy



Original Color
6AFFE7

Protanopia
EDE5D8

Deuteranopia
F8DFEE



Tritanopia
ADF2FF

Trichromacy



Original Color
6AFFE7



Protanomaly
BDEEDD



Deuteranomaly
C4EBEB

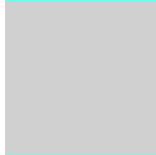


Tritanomaly
95F7F6

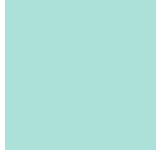
Monochromacy



Original Color
6AFFE7



Achromatopsia
D0D0D0



Achromatomaly
ABE1D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AFFE7 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 #6AFFE7 looks like.

```
.text, #text, p{  
    color:#6AFFE7  
}
```

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 #6AFFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AFFE7
}
```

Border

The CSS property to change the border of an element to Hex 6AFFE7 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
#6AFFE7 }
```

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

```
.border{ border-color:#6AFFE7 }
```

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

Here you see how a box with a 4 pixel #6AFFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AFFE7; -webkit-box-shadow:4px 4px  
4px 4px #6AFFE7; box-shadow:4px 4px 4px  
4px #6AFFE7 }
```

Background

The CSS property to change the background color of an element to Hex 6AFFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AFFE7 }
```

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

```
.background{ background-color:#6AFFE7 }
```

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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