

Converting Colors

Hex(6AF5DD)

Have a look what the booklet for
Hex(6AF5DD) contains.

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Color

Hex(6AF5DD)

Conversions

Conversions Part 1

Format	Color
Hex	6AF5DD
RGB	106, 245, 221
RGB Percent	42%, 96%, 87%
CMY	0.5843, 0.0392, 0.1333
CMYK	0.57, 0.00, 0.10, 0.04
HSL	170°, 87%, 69%
HSV	170°, 57%, 96%
XYZ	51.6474, 73.5894, 79.8887
YIQ	200.7030, -75.1400, -36.9320

Conversions

Conversions Part 2

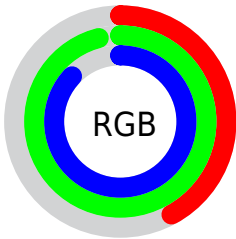
Format	Color
RYB	106, 182, 245
Decimal	7009757
CIELab	88.73, -43.40, 0.18
CIELCh	89, 43.402, 179.764
Yxy	73.5894, 0.2518, 0.3588
Android (android.graphics.Color)	4285199837 (0xFF6AF5DD)
YUV	200.7030, 10.0064, -83.0545
Hunter-Lab	85.7843, -42.6545, 4.8338

Details

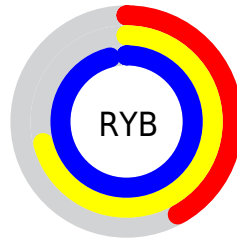
The Hex color **6AF5DD** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F56A82**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **A8FFFF**, and **1CBCA6** is the 20% darker color. If you saturate the color by 10%, you get **52F5D9**, and if you desaturate by 10%, it is **83F5E1**.

Distribution



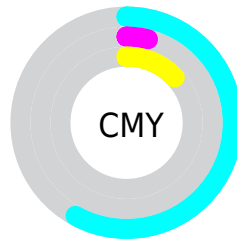
- Red (42%)
- Green (96%)
- Blue (87%)



- Red (42%)
- Yellow (71%)
- Blue (96%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF5DD 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 6AF5DD by changing the saturation by 10% instead.

 6AF5DD

 6AF5DD

FFFFFF

 48D8C1

 A8FFFF

 1CBCA6

 C6FFFF

 00A18C

 E5FFFF

 008672

 006C5A

 005342

 003A2C

 002518

 000000

 6AF5DD

 6AF5DD

 52F5D9

 83F5E1

 39F5D5

 9BF5E5

 20F5D0

 B3F5EA

 08F5CC

 CCF5EE

 00F5CB

 E5F5F2

 FDF5F6

 FFF5FB

 FFF5FF

Harmonies

Analogous

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



9FF1B4



6AF5DD



41F4FF

Triad

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



6AF5DD



E3D4FF



FFCE98

Complementary

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



6AF5DD



F56A82

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.



FFC2B8



6AF5DD



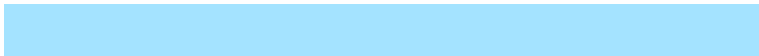
FFC6FF

Square

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



6AF5DD



A4E3FF



FFBF E1



FBDC8B

Rectangle

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



6AF5DD



4EF1FF



FFBFE1



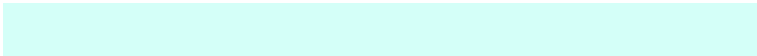
FFC9A1

Sweetspot

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



6AF5DD



D4FFF8



83F56A



66807B



000000



808080

Same Dimension

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



6AF5DD



52FFE1



6AC9F5



6E7A78



00BA9A



003B31

Inverse Universe

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



F56A82



FF5270



F5966A



7A6E70



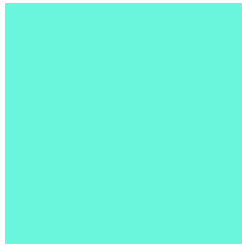
BA0020



3B000A

Previews

White Background



This preview shows how the Hex color 6AF5DD looks on a white background.

Color Contrast Check

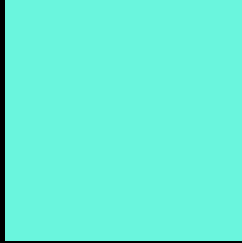
Large Text (above 18pt) WCAG AA × Fail

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 6AF5DD 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 6AF5DD Background



This preview shows how black text looks on a background with the Hex color 6AF5DD.

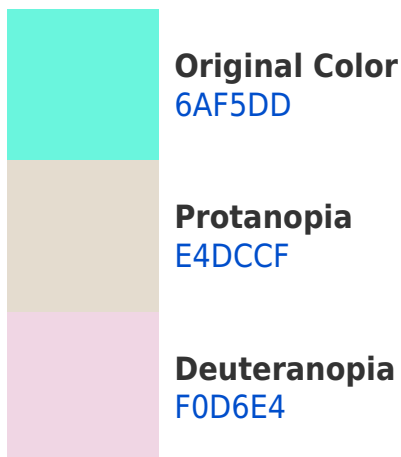


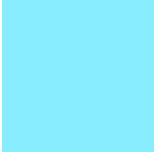
This preview shows how white text looks on a background with the Hex color 6AF5DD.

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



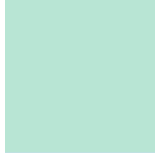


Tritanopia
88EEFF

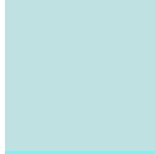
Trichromacy



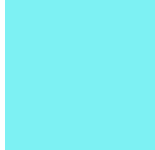
Original Color
6AF5DD



Protanomaly
B8E5D4



Deuteranomaly
BFE1E1

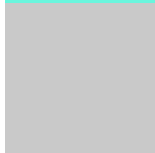


Tritanomaly
7DF1F3

Monochromacy



Original Color
6AF5DD



Achromatopsia
C9C9C9



Achromatomaly
A6D9D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF5DD 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 #6AF5DD looks like.

```
.text, #text, p{  
    color:#6AF5DD  
}
```

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 #6AF5DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF5DD  
}
```

Border

The CSS property to change the border of an element to Hex 6AF5DD 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  
#6AF5DD }
```

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

```
.border{ border-color:#6AF5DD }
```

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

Here you see how a box with a 4 pixel #6AF5DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF5DD; -webkit-box-shadow:4px 4px  
4px 4px #6AF5DD; box-shadow:4px 4px 4px  
4px #6AF5DD }
```

Background

The CSS property to change the background color of an element to Hex 6AF5DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF5DD }
```

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

```
.background{ background-color:#6AF5DD }
```

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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