

Converting Colors

Hex(A6FDF1)

Have a look what the booklet for
Hex(A6FDF1) contains.

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Color

Hex(A6FDF1)

Conversions

Conversions Part 1

Format	Color
Hex	A6FDF1
RGB	166, 253, 241
RGB Percent	65%, 99%, 95%
CMY	0.3490, 0.0078, 0.0549
CMYK	0.34, 0.00, 0.05, 0.01
HSL	172°, 96%, 82%
HSV	172°, 34%, 99%
XYZ	66.7283, 84.7084, 96.0525
YIQ	225.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

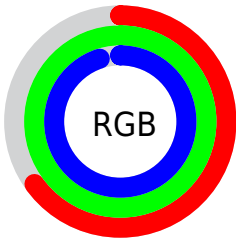
Format	Color
RYB	166, 213, 253
Decimal	10943985
CIELab	93.76, -28.71, -2.58
CIELCh	94, 28.821, 185.130
Yxy	84.7084, 0.2696, 0.3423
Android (android.graphics.Color)	4289134065 (0xFFA6FDF1)
YUV	225.6190, 7.5828, -52.2859
Hunter-Lab	92.0372, -31.6499, 2.5494

Details

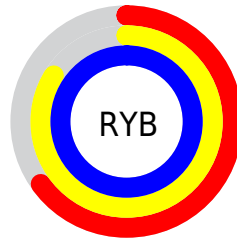
The Hex color **A6FDF1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FDA6B2**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **E0FFFF**, and **6EC4B9** is the 20% darker color. If you saturate the color by 10%, you get **8DFDEE**, and if you desaturate by 10%, it is **BFFDF4**.

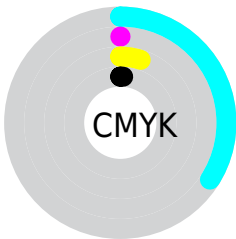
Distribution



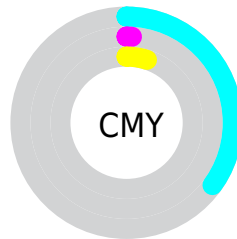
- Red (65%)
- Green (99%)
- Blue (95%)



- Red (65%)
- Yellow (84%)
- Blue (99%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (35%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6FDF1 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 A6FDF1 by changing the saturation by 10% instead.

 A6DFD1

 A6DFD1

FFFFFF

 8AE0D5

 E0FFFF

 6EC4B9

FDFDFF

 52A99E

 358E84

 10746B

 005B53

 00433C

 002C26

 001612

 A6FDF1

 A6FDF1

 8DFDEE

 BFFDF4

 73FDEA

 D9FDF8

 5AFDE7

 F2FDFB

 41FDE3

 FFFDFE

 28FDE0

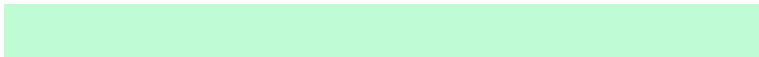
 0EFDDC

 00FDDA

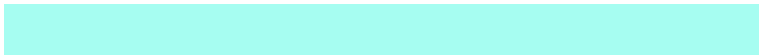
Harmonies

Analogous

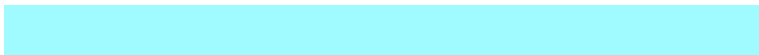
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BFFBD5



A6DFD1



9FFBFF

Triad

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



A6FDF1



F8E4FF



FFE3BB

Complementary

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



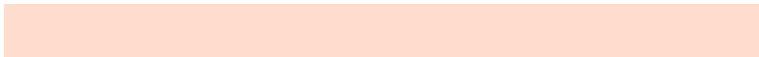
A6FDF1



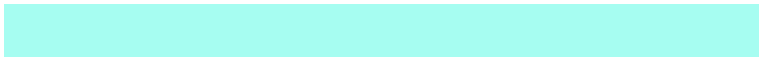
FDA6B2

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.



FFDCCE



A6FDF1



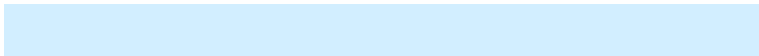
FFDCFF

Square

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



A6FDF1



D2EEFF



FFD9E9



FDEDB6

Rectangle

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



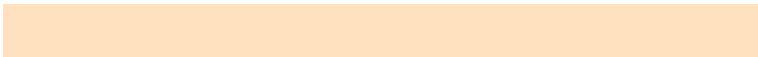
A6DFD1



A8F8FF



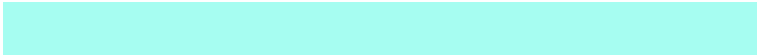
FFD9E9



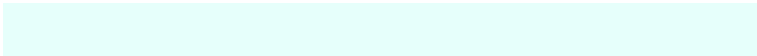
FFE1C0

Sweetspot

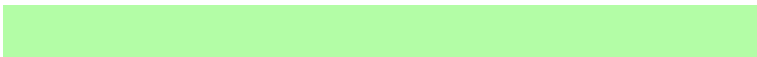
The Sweet Spot groups the original color and five complimentary colors.



A6FDF1



E6FFFB



B3FDA6



70807D



000000



808080

Same Dimension

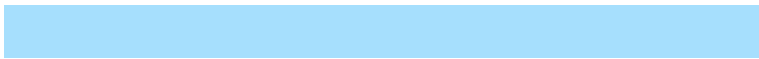
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A6DFD1



96FFF1



A6DFFD



73807E



00BFA5



004037

Inverse Universe

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



FDA6B2



FF96A5



FDC4A6



807375



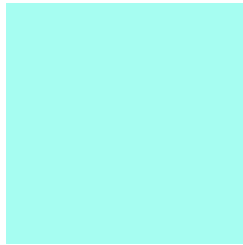
BF001A



400009

Previews

White Background



This preview shows how the Hex color A6FDF1 looks on a white background.

Color Contrast Check

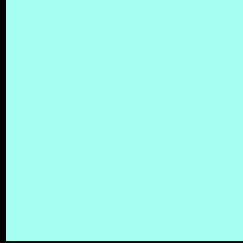
Large Text (above 18pt) WCAG AA × Fail

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 A6FDF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

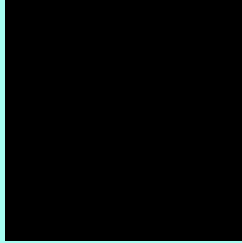
Any Text WCAG AA ✓ Pass

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 A6FDF1 Background



This preview shows how black text looks on a background with the Hex color A6FDF1.

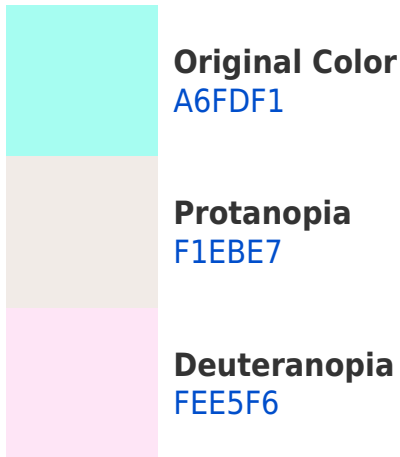


This preview shows how white text looks on a background with the Hex color A6FDF1.

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



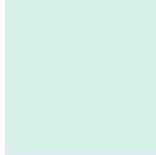


Tritanopia
CCF3FF

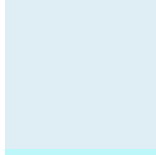
Trichromacy



Original Color
A6FDF1



Protanomaly
D6F2EB



Deuteranomaly
DEEEF4

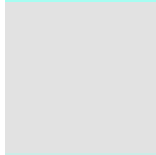


Tritanomaly
BEF7FA

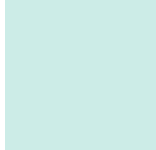
Monochromacy



Original Color
A6FDF1



Achromatopsia
E2E2E2



Achromatomaly
CCECE7

CSS Examples

Text

The CSS property to change the color of the text to Hex A6FDF1 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 #A6FDF1 looks like.

```
.text, #text, p{  
    color:#A6FDF1  
}
```

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 #A6FDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FDF1
}
```

Border

The CSS property to change the border of an element to Hex A6FDF1 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
#A6FDF1 }
```

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

```
.border{ border-color:#A6FDF1 }
```

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

Here you see how a box with a 4 pixel #A6FDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FDF1; -webkit-box-shadow:4px 4px  
4px 4px #A6FDF1; box-shadow:4px 4px 4px  
4px #A6FDF1 }
```

Background

The CSS property to change the background color of an element to Hex A6FDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FDF1 }
```

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

```
.background{ background-color:#A6FDF1 }
```

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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