

Converting Colors

Hex(A6DEFD)

Have a look what the booklet for
Hex(A6DEFD) contains.

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Color

Hex(A6DEFD)

Conversions

Conversions Part 1

Format	Color
Hex	A6DEFD
RGB	166, 222, 253
RGB Percent	65%, 87%, 99%
CMY	0.3490, 0.1294, 0.0078
CMYK	0.34, 0.12, 0.00, 0.01
HSL	201°, 96%, 82%
HSV	201°, 34%, 99%
XYZ	59.5768, 67.4414, 102.8060
YIQ	208.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

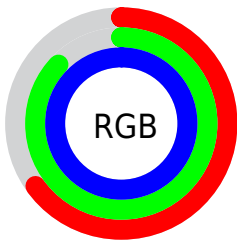
Format	Color
RYB	166, 200, 253
Decimal	10936061
CIELab	85.73, -10.57, -20.82
CIELCh	86, 23.347, 243.084
Yxy	67.4414, 0.2592, 0.2934
Android (android.graphics.Color)	4289126141 (0xFFA6DEFD)
YUV	208.7900, 21.7955, -37.5268
Hunter-Lab	82.1227, -14.2200, -16.7368

Details

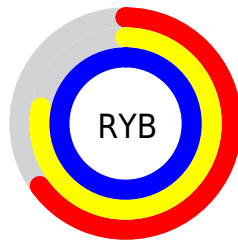
The Hex color **A6DEFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDC5A6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FA7C4** is the 20% darker color. If you saturate the color by 10%, you get **8DD5FD**, and if you desaturate by 10%, it is **BFE7FD**.

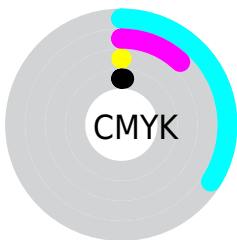
Distribution



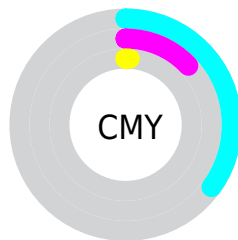
- Red (65%)
- Green (87%)
- Blue (99%)



- Red (65%)
- Yellow (78%)
- Blue (99%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DEFD 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 A6DEFD by changing the saturation by 10% instead.

 A6DEFD

 A6DEFD

FFFFFF

 8AC2E0

 DFFFFFF

 6FA7C4

FDFFFF

 548DA9

 38738F

 195A75

 00435C

 002D44

 00192E

 000119

 A6DEFD

 A6DEFD

 8DD5FD

 BFE7FD

 73CCFD

 D9F0FD

 5AC3FD

 F2F9FD

 41BAFD

FFFFFFD

 28B1FD

 0EA8FD

 00A3FD

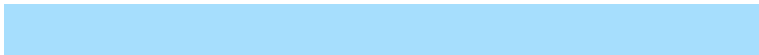
Harmonies

Analogous

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



9AE2EE



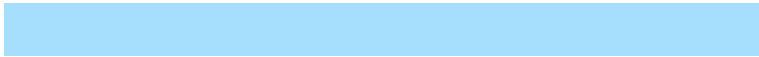
A6DEFD



C0D7FF

Triad

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



A6DEFD



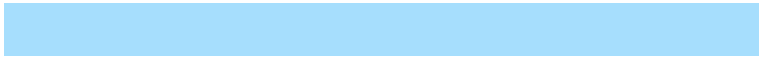
FFC7D5



CDDCB1

Complementary

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



A6DEFD



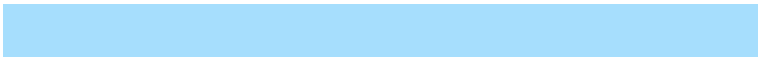
FDC5A6

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.



E5D6AA



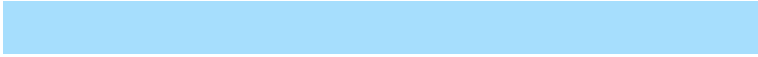
A6DEFD



FFC9BF

Square

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



A6DEFD



F5CAEB



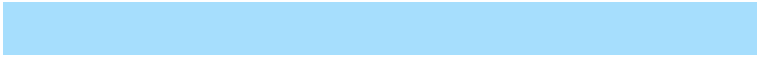
F9CEB0



B4E1C2

Rectangle

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



A6DEFD



D4D2FF



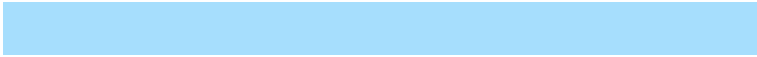
F9CEB0



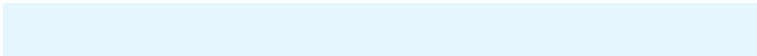
D5DAAD

Sweetspot

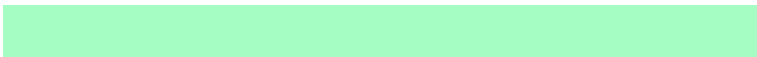
The Sweet Spot groups the original color and five complimentary colors.



A6DEFD



E6F6FF



A6FDC4



707A80



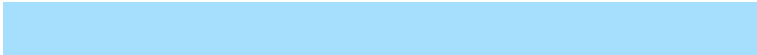
000000



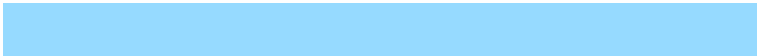
808080

Same Dimension

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



A6DEFD



96DAFF



A6B3FD



737B80



007BBF



002940

Inverse Universe

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



FDA6DE



FF96DA



FDF0A6



80737B



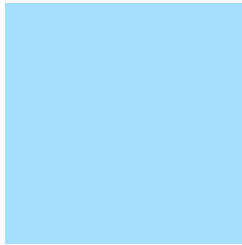
BF007B



400029

Previews

White Background



This preview shows how the Hex color A6DEFD looks on a white background.

Color Contrast Check

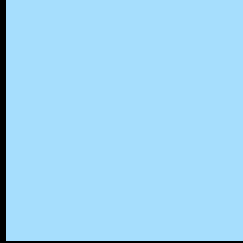
Large Text (above 18pt) WCAG AA × Fail

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 A6DEFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

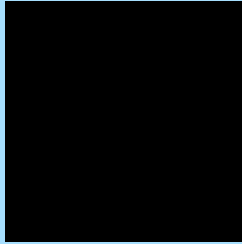
Any Text WCAG AA ✓ Pass

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 A6DEFD Background



This preview shows how black text looks on a background with the Hex color A6DEFD.

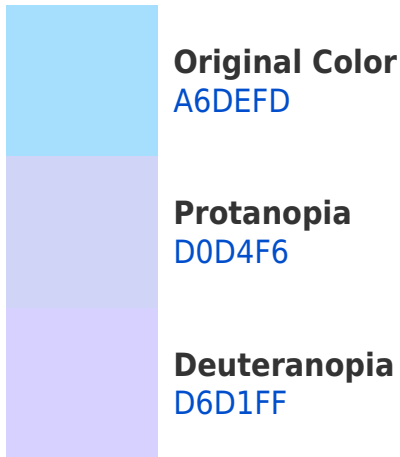


This preview shows how white text looks on a background with the Hex color A6DEFD.

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](#).

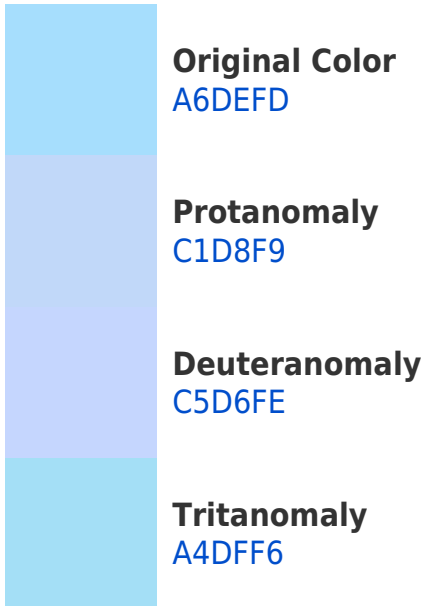
Dichromacy



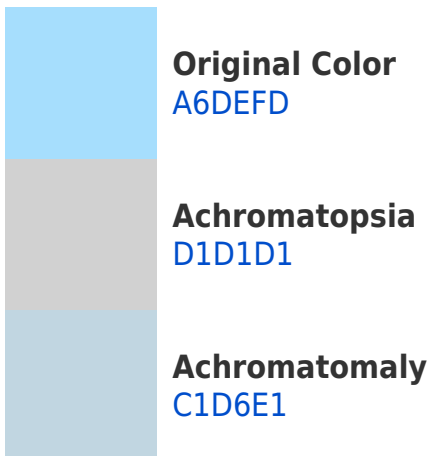


Tritanopia
A3E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6DEFD 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 #A6DEFD looks like.

```
.text, #text, p{  
    color:#A6DEFD  
}
```

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 #A6DEFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DEFD
}
```

Border

The CSS property to change the border of an element to Hex A6DEFD 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
#A6DEFD }
```

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

```
.border{ border-color:#A6DEFD }
```

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

Here you see how a box with a 4 pixel #A6DEFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DEFD; -webkit-box-shadow:4px 4px  
4px 4px #A6DEFD; box-shadow:4px 4px 4px  
4px #A6DEFD }
```

Background

The CSS property to change the background color of an element to Hex A6DEFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DEFD }
```

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

```
.background{ background-color:#A6DEFD }
```

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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