

# Converting Colors

Hex(A6D6F4)

Have a look what the booklet for  
Hex(A6D6F4) contains.

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# Color

**Hex(A6D6F4)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A6D6F4
RGB	166, 214, 244
RGB Percent	65%, 84%, 96%
CMY	0.3490, 0.1608, 0.0431
CMYK	0.32, 0.12, 0.00, 0.04
HSL	203°, 78%, 80%
HSV	203°, 32%, 96%
XYZ	56.1016, 62.7318, 94.7395
YIQ	203.0680, -38.2380, -0.8460

# Conversions

## Conversions Part 2

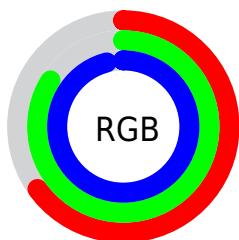
Format	Color
<a href="#">RYB</a>	<a href="#">166, 196, 244</a>
Decimal	<a href="#">10934004</a>
CIELab	<a href="#">83.30, -8.60, -19.73</a>
CIELCh	<a href="#">83, 21.521, 246.440</a>
Yxy	<a href="#">62.7318, 0.2627, 0.2937</a>
Android (android.graphics.Color)	<a href="#">4289124084</a> (0xFFA6D6F4)
YUV	<a href="#">203.0680, 20.1795, -32.5086</a>
Hunter-Lab	<a href="#">79.2034, -12.1703, -15.4776</a>

# Details

The Hex color **A6D6F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4C4A6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DFFFFFF**, and **709FBC** is the 20% darker color. If you saturate the color by 10%, you get **8ECDF4**, and if you desaturate by 10%, it is **BEDFF4**.

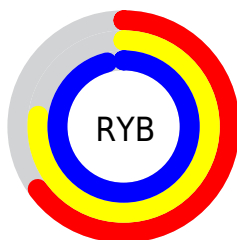
# Distribution



Red (65%)

Green (84%)

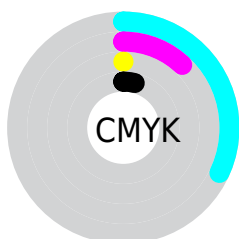
Blue (96%)



Red (65%)

Yellow (77%)

Blue (96%)

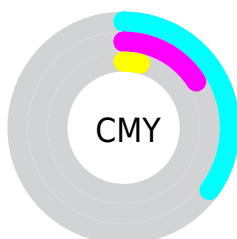


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (35%)

Magenta (16%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6D6F4 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 A6D6F4 by changing the saturation by 10% instead.



 A6D6F4


FFFFFF

 DFFFFFF

 FCFFFF

 A6D6F4

 8BBAD8

 709FBC

 5585A1

 3A6C86

 1E546D

 003D55

 00273D

 001328

 000112

 A6D6F4

 A6D6F4

 8ECD4F

 BEDFF4

 75C3F4

 D7E9F4

 5DBAF4

 EFF2F4


 44B0F4

 FFFCF4

 2CA7F4

 FFFFF4

 149EF4

 0096F4

# Harmonies

## Analogous

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



99DAE7



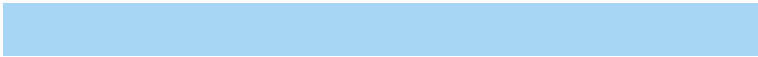
A6D6F4



BED0F7

# Triad

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



A6D6F4



F9C1CC



C4D6AF

# Complementary

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



A6D6F4



F4C4A6

# 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.



DBD0A7



A6D6F4



F8C3B8

# Square

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



A6D6F4



EEC3E0



EDC9AB



AEDABF

# Rectangle

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



A6D6F4



D0CBF4



EDC9AB



CCD4AB

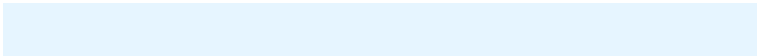


# Sweetspot

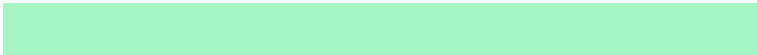
The Sweet Spot groups the original color and five complimentary colors.



A6D6F4



E6F5FF



A6F4C4



707A80



000000



808080

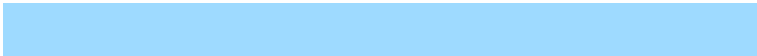


# Same Dimension

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



A6D6F4



9EDAFF



A6AFF4



6E767A



0073BA



00243B



# Inverse Universe

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



F4A6D6



FF9EDA



F4EBA6



7A6E76



BA0073

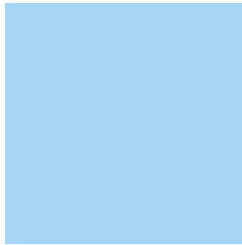


3B0024



# Previews

## White Background



This preview shows how the Hex color A6D6F4 looks on a white background.

## Color Contrast Check

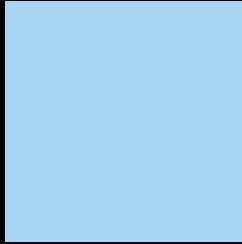
Large Text (above 18pt) WCAG AA × Fail

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 A6D6F4 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 A6D6F4 Background



This preview shows how black text looks on a background with the Hex color A6D6F4.



This preview shows how white text looks on a background with the Hex color A6D6F4.

# 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**

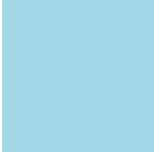
A6D6F4

**Protanopia**

C9CDEE

**Deuteranopia**

D0CAF6

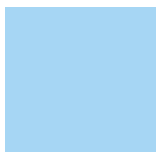
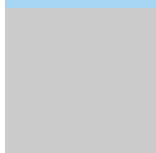
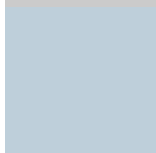


**Tritanopia**  
A3D8E9

# Trichromacy

	<b>Original Color</b> A6D6F4
	<b>Protanomaly</b> BCD0F0
	<b>Deuteranomaly</b> C1CEF5
	<b>Tritanomaly</b> A4D7ED

# Monochromacy

	<b>Original Color</b> A6D6F4
	<b>Achromatopsia</b> CBCBCB
	<b>Achromatomaly</b> BECFDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6D6F4 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 #A6D6F4 looks like.

```
.text, #text, p{  
    color:#A6D6F4  
}
```

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 #A6D6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D6F4
}
```

## Border

The CSS property to change the border of an element to Hex A6D6F4 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
#A6D6F4 }
```

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

```
.border{ border-color:#A6D6F4 }
```

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

Here you see how a box with a 4 pixel #A6D6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D6F4; -webkit-box-shadow:4px 4px  
4px 4px #A6D6F4; box-shadow:4px 4px 4px  
4px #A6D6F4 }
```

# Background

The CSS property to change the background color of an element to Hex A6D6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D6F4 }
```

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

```
.background{ background-color:#A6D6F4 }
```

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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