

# Converting Colors

Hex(AAD1F4)

Have a look what the booklet for  
Hex(AAD1F4) contains.

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# **Color**

**Hex(AAD1F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAD1F4
RGB	170, 209, 244
RGB Percent	67%, 82%, 96%
CMY	0.3333, 0.1804, 0.0431
CMYK	0.30, 0.14, 0.00, 0.04
HSL	208°, 77%, 81%
HSV	208°, 30%, 96%
XYZ	55.7072, 60.6786, 94.3640
YIQ	201.3290, -34.4790, 2.6170

# Conversions

## Conversions Part 2

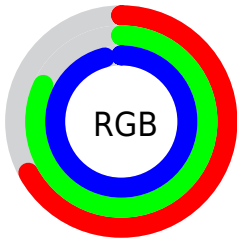
Format	Color
<b>RYB</b>	170, 196, 244
Decimal	11194868
CIELab	82.21, -4.87, -21.36
CIELCh	82, 21.910, 257.169
Yxy	60.6786, 0.2643, 0.2879
Android (android.graphics.Color)	4289384948 (0xFFAAD1F4)
YUV	201.3290, 21.0368, -27.4755
Hunter-Lab	77.8965, -8.6658, -17.2965

# Details

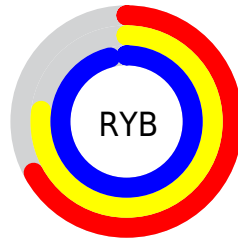
The Hex color **AAD1F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4CDAA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E3FFFF**, and **749BBC** is the 20% darker color. If you saturate the color by 10%, you get **92C5F4**, and if you desaturate by 10%, it is **C2DDF4**.

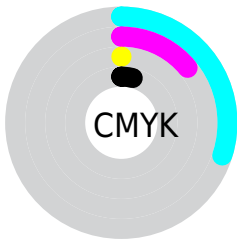
# Distribution



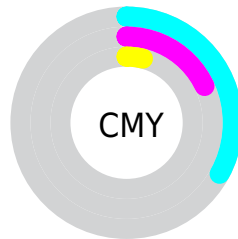
- Red (67%)
- Green (82%)
- Blue (96%)



- Red (67%)
- Yellow (77%)
- Blue (96%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (18%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAD1F4 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 AAD1F4 by changing the saturation by 10% instead.



■ AAD1F4

■ AAD1F4

FFFFFF

■ 8FB5D8

■ E3FFFF

■ 749BBC

■ 5981A1

■ 3F6886

■ 25506D

■ 023955

■ 00233D

■ 000E27

■ 000112

 AAD1F4

 AAD1F4

 92C5F4

 C2DDF4

 79BAF4

 DBE8F4

 61AEF4

 F3F4F4

 48A3F4

 FFFFF4

 3097F4

 188CF4

 0081F4

# Harmonies

## Analogous

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



98D6EA



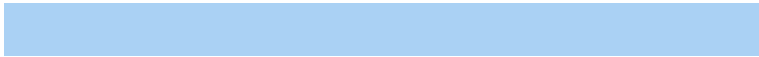
AAD1F4



C5CAF4

# Triad

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



AAD1F4



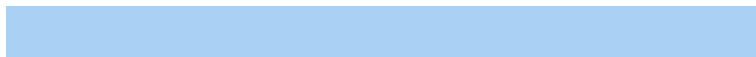
F7BEC1



B8D4B0

# Complementary

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



AAD1F4



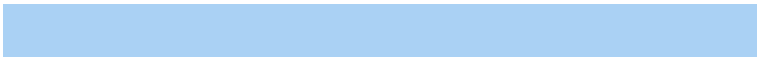
F4CDA A

# 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.



D0CFA5



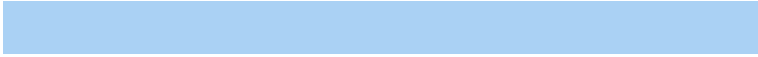
AAD1F4



F3C2AF

# Square

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



AAD1F4



F0BFD6



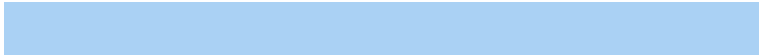
E5C8A5



A3D8C3

# Rectangle

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



AAD1F4



D6C6ED



E5C8A5

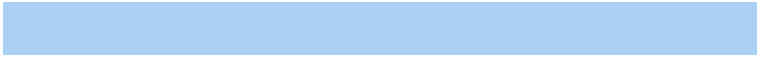


C0D3AB

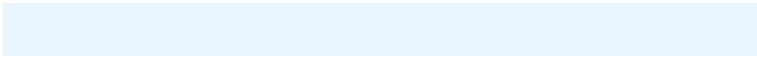


# Sweetspot

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



AAD1F4



E8F4FF



AAF4CD



717980



000000

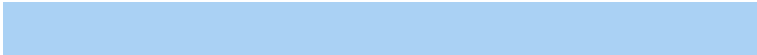


808080

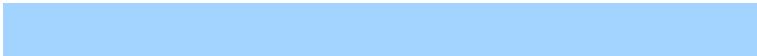


# Same Dimension

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



AAD1F4



A3D4FF



AAACF4



6E757A



0062BA



001F3B



# Inverse Universe

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



F4AAD1



FFA3D4



F4F2AA



7A6E75



BA0062

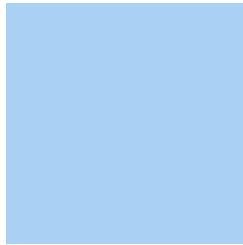


3B001F



# Previews

## White Background



This preview shows how the Hex color AAD1F4 looks on a white background.

## Color Contrast Check

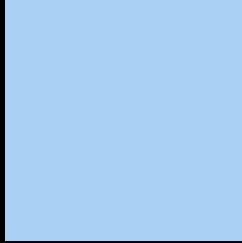
Large Text (above 18pt) WCAG AA × Fail

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 AAD1F4 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

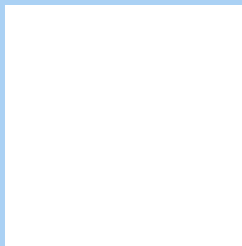
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAD1F4 Background



This preview shows how black text looks on a background with the Hex color AAD1F4.

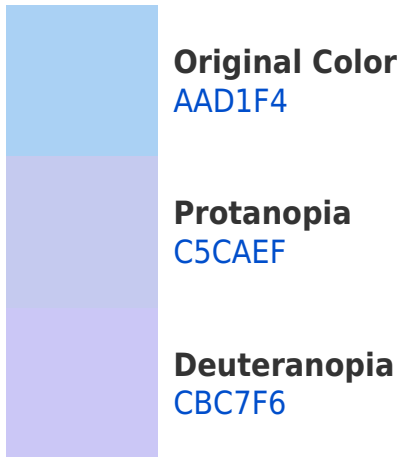


This preview shows how white text looks on a background with the Hex color AAD1F4.

# 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](#).

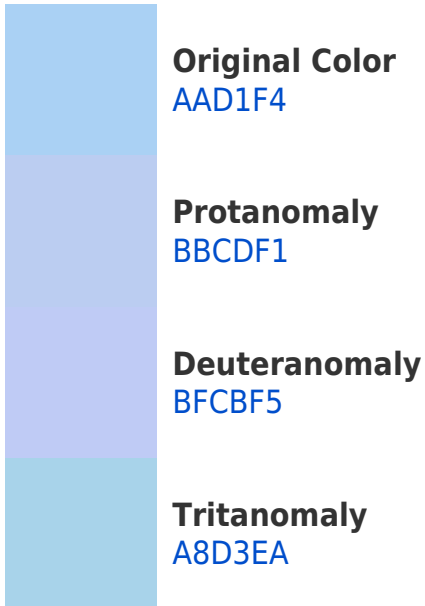
## Dichromacy



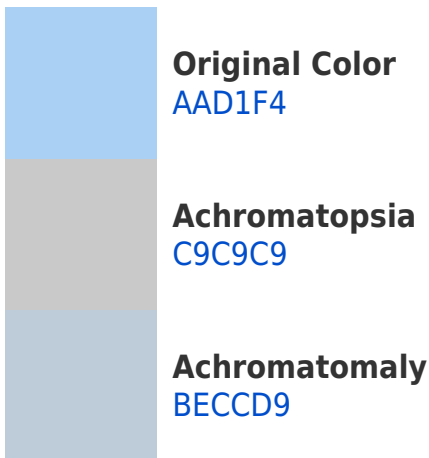


**Tritanopia**  
A7D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAD1F4 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 #AAD1F4 looks like.

```
.text, #text, p{  
    color:#AAD1F4  
}
```

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 #AAD1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAD1F4
}
```

## Border

The CSS property to change the border of an element to Hex AAD1F4 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
#AAD1F4 }
```

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

```
.border{ border-color:#AAD1F4 }
```

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

Here you see how a box with a 4 pixel #AAD1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAD1F4; -webkit-box-shadow:4px 4px  
4px 4px #AAD1F4; box-shadow:4px 4px 4px  
4px #AAD1F4 }
```

# Background

The CSS property to change the background color of an element to Hex AAD1F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAD1F4 }
```

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

```
.background{ background-color:#AAD1F4 }
```

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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