

# Converting Colors

Hex(A5DEF8)

Have a look what the booklet for  
Hex(A5DEF8) contains.

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# **Color**

**Hex(A5DEF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5DEF8
RGB	165, 222, 248
RGB Percent	65%, 87%, 97%
CMY	0.3529, 0.1294, 0.0275
CMYK	0.33, 0.10, 0.00, 0.03
HSL	199°, 86%, 81%
HSV	199°, 33%, 97%
XYZ	58.5816, 67.0192, 98.6554
YIQ	207.9210, -42.3180, -3.9980

# Conversions

## Conversions Part 2

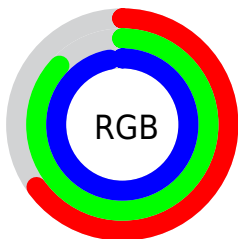
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 199, 248
Decimal	10870520
CIE Lab	85.51, -12.05, -18.51
CIE LCh	86, 22.083, 236.937
Yxy	67.0192, 0.2612, 0.2989
Android (android.graphics.Color)	4289060600 (0xFFA5DEF8)
YUV	207.9210, 19.7589, -37.6417
Hunter-Lab	81.8653, -15.5321, -14.1444

# Details

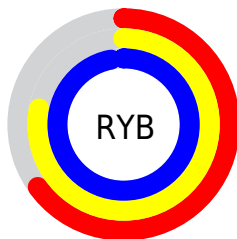
The Hex color **A5DEF8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8BFA5**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DEFFFF**, and **6EA7C0** is the 20% darker color. If you saturate the color by 10%, you get **8CD6F8**, and if you desaturate by 10%, it is **BEE6F8**.

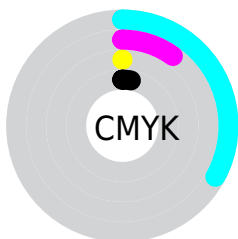
# Distribution



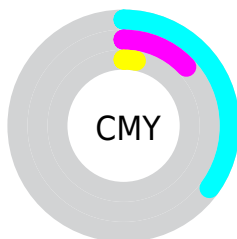
- Red (65%)
- Green (87%)
- Blue (97%)



- Red (65%)
- Yellow (78%)
- Blue (97%)



- Cyan (33%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (13%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5DEF8 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 A5DEF8 by changing the saturation by 10% instead.



 A5DEF8

 A5DEF8

FFFFFF

 89C2DB

 DEFFFF

 6EA7C0

 FBFFFF

 538CA4

 38738A

 195A71

 004358

 002D41

 00192A

 000116

 A5DEF8

 A5DEF8

 8CD6F8

 BEE6F8

 73CEF8

 D7EEF8

 5BC7F8

 EFF5F8

 42BFF8

 FFFDF8

 29B7F8

 FFFFF8

 10AFF8

 00AAF8

# Harmonies

## Analogous

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



9DE1E8



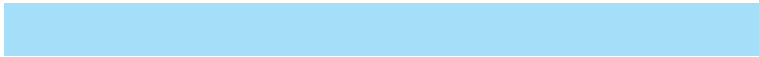
A5DEF8



BBD8FF

# Triad

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



A5DEF8



FEC7D9



D2DAB0

# Complementary

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



A5DEF8



F8BFA5

# 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.



E8D4AC



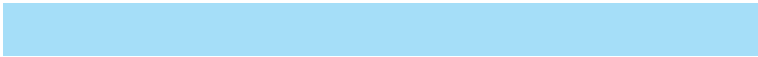
A5DEF8



FFC8C4

# Square

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



A5DEF8



EFCBED



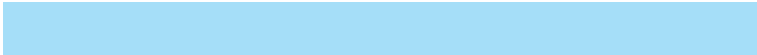
F9CDB3



BADFBE

# Rectangle

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



A5DEF8



CED4FD



F9CDB3



D9D8AE

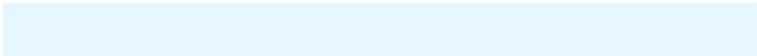


# Sweetspot

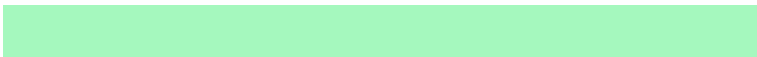
The Sweet Spot groups the original color and five complimentary colors.



A5DEF8



E6F7FF



A5F8BE



707B80



000000



808080

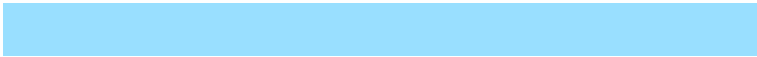


# Same Dimension

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



A5DEF8



99DFFF



A5B6F8



70797D



0082BD



002A3D



# Inverse Universe

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



F8A5DE



FF99DF



F8E7A5



7D7079



BD0082

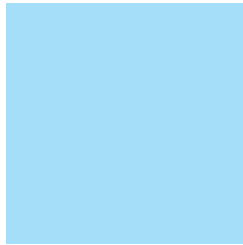


3D002A



# Previews

## White Background



This preview shows how the Hex color A5DEF8 looks on a white background.

## Color Contrast Check

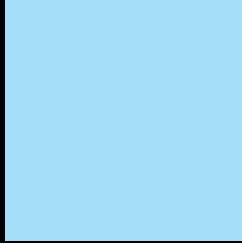
Large Text (above 18pt) WCAG AA × Fail

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 A5DEF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

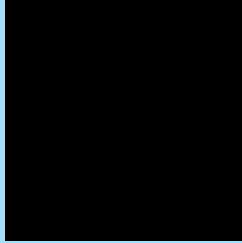
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5DEF8 Background



This preview shows how black text looks on a background with the Hex color A5DEF8.

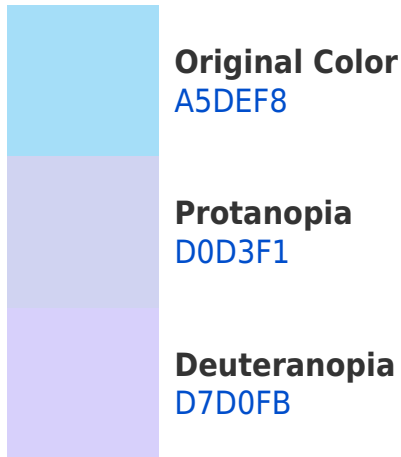


This preview shows how white text looks on a background with the Hex color A5DEF8.

# 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](#).

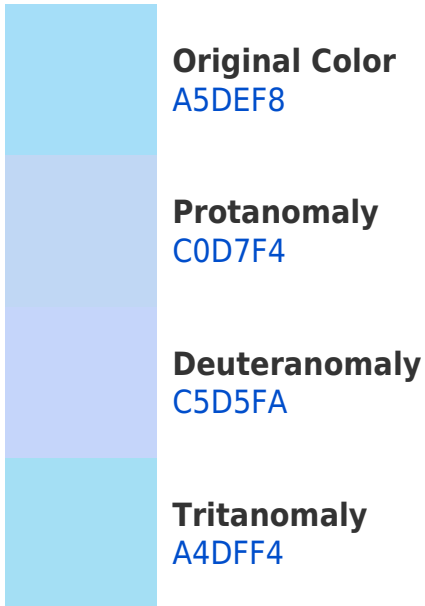
## Dichromacy



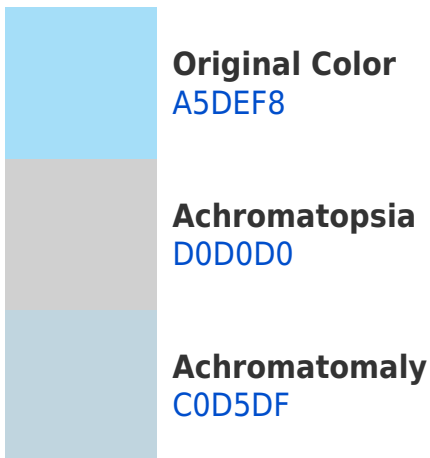


**Tritanopia**  
A3DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5DEF8 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 #A5DEF8 looks like.

```
.text, #text, p{  
    color:#A5DEF8  
}
```

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 #A5DEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5DEF8  
}
```

## Border

The CSS property to change the border of an element to Hex A5DEF8 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  
#A5DEF8 }
```

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

```
.border{ border-color:#A5DEF8 }
```

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

Here you see how a box with a 4 pixel #A5DEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5DEF8; -webkit-box-shadow:4px 4px  
4px 4px #A5DEF8; box-shadow:4px 4px 4px  
4px #A5DEF8 }
```

# Background

The CSS property to change the background color of an element to Hex A5DEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5DEF8 }
```

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

```
.background{ background-color:#A5DEF8 }
```

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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