

# Converting Colors

Hex(A5CBF3)

Have a look what the booklet for  
Hex(A5CBF3) contains.

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# **Color**

**Hex(A5CBF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5CBF3
RGB	165, 203, 243
RGB Percent	65%, 80%, 95%
CMY	0.3529, 0.2039, 0.0471
CMYK	0.32, 0.16, 0.00, 0.05
HSL	211°, 76%, 80%
HSV	211°, 32%, 95%
XYZ	53.0506, 57.1823, 93.0352
YIQ	196.1980, -35.4880, 4.3840

# Conversions

## Conversions Part 2

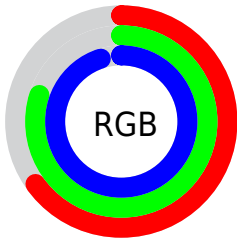
Format	Color
R <sub>Y</sub> B	165, 191, 243
Decimal	10865651
CIE Lab	80.28, -3.33, -23.78
CIE LCh	80, 24.013, 262.019
Yxy	57.1823, 0.2610, 0.2813
Android (android.graphics.Color)	4289055731 (0xFFA5CBF3)
YUV	196.1980, 23.0734, -27.3606
Hunter-Lab	75.6190, -7.1061, -20.0122

# Details

The Hex color **A5CBF3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3CDA5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DEFFFF**, and **6F95BB** is the 20% darker color. If you saturate the color by 10%, you get **8DBFF3**, and if you desaturate by 10%, it is **BDD7F3**.

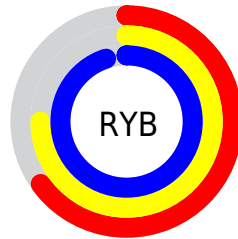
# Distribution



Red (65%)

Green (80%)

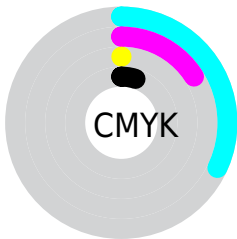
Blue (95%)



Red (65%)

Yellow (75%)

Blue (95%)

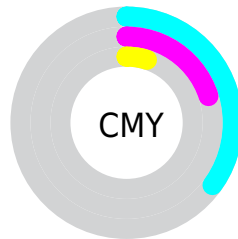


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (20%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5CBF3 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 A5CBF3 by changing the saturation by 10% instead.



 A5CBF3

 A5CBF3

FFFFFF

 8AB0D7

 DEFFFF

 6F95BB

 FBFFFF

 547BA0

 3A6285

 1E4B6C

 003454

 001F3C

 000527

 000110

 A5CBF3

 A5CBF3

 8DBFF3

 BDD7F3

 74B2F3

 D6E4F3

 5CA6F3

 EE0F3

 4499F3

 FFFDF3

 2B8DF3

 FFFFF3

 1380F3

 0076F3

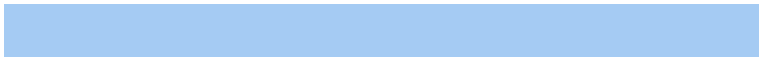
# Harmonies

## Analogous

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



8ED1EA



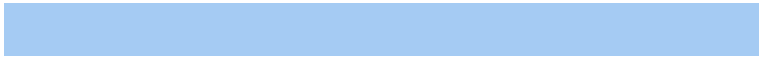
A5CBF3



C3C3F1

# Triad

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



A5CBF3



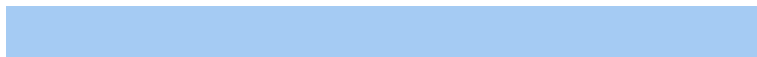
F6B8B7



ADD1AB

# Complementary

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



A5CBF3



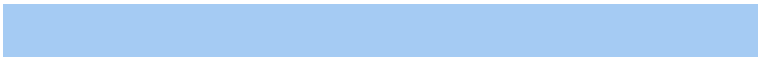
F3CDA5

# 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.



C7CB9D



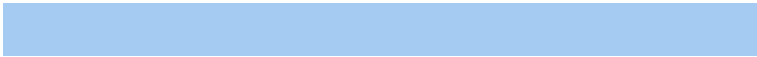
A5CBF3



EFBCA5

# Square

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



A5CBF3



F0B8CE



DEC49B



96D4C0

# Rectangle

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



A5CBF3



D6BEE9



DEC49B



B5CFA5

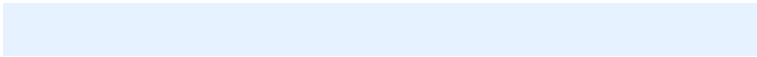


# Sweetspot

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



A5CBF3



E6F2FF



A5F3CC



707880



000000

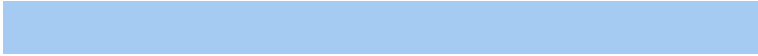


808080



# Same Dimension

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



A5CBF3



9CCCFE



A5A5F3



6E747A



005BBA



001D3B



# Inverse Universe

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



F3A5CB



FF9CCC



F3F3A5



7A6E74



BA005B

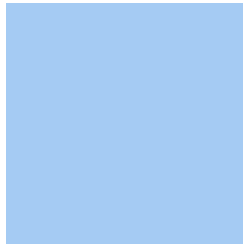


3B001D



# Previews

## White Background



This preview shows how the Hex color A5CBF3 looks on a white background.

## Color Contrast Check

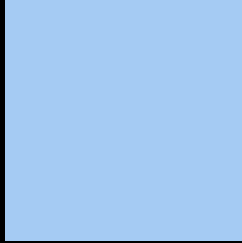
Large Text (above 18pt) WCAG AA × Fail

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 A5CBF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

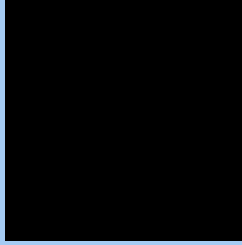
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

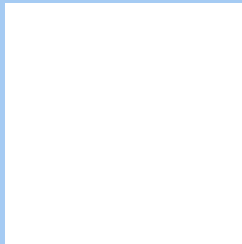
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5CBF3 Background



This preview shows how black text looks on a background with the Hex color A5CBF3.

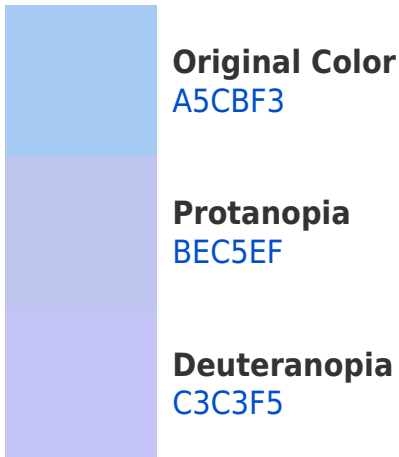


This preview shows how white text looks on a background with the Hex color A5CBF3.

# Color Blindness Simulation

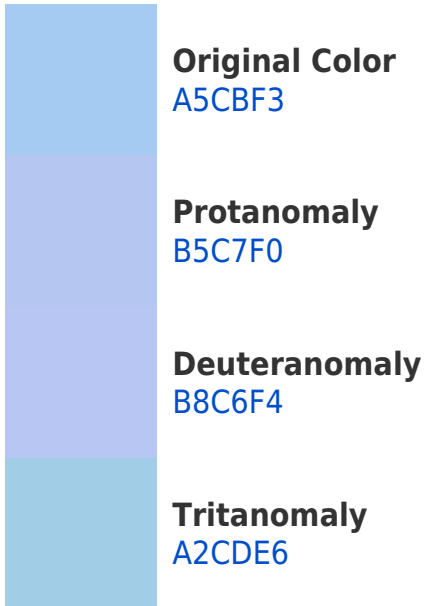
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

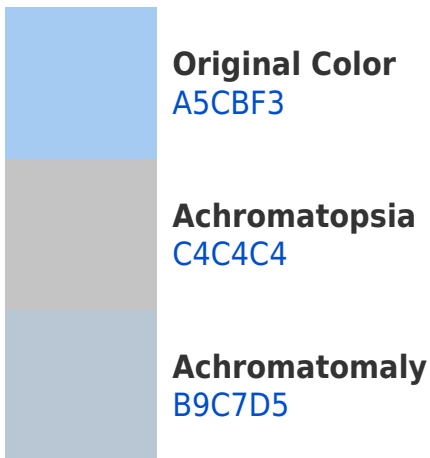




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5CBF3 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 #A5CBF3 looks like.

```
.text, #text, p{  
    color:#A5CBF3  
}
```

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 #A5CBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5CBF3  
}
```

## Border

The CSS property to change the border of an element to Hex A5CBF3 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  
#A5CBF3 }
```

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

```
.border{ border-color:#A5CBF3 }
```

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

Here you see how a box with a 4 pixel #A5CBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5CBF3; -webkit-box-shadow:4px 4px  
4px 4px #A5CBF3; box-shadow:4px 4px 4px  
4px #A5CBF3 }
```

# Background

The CSS property to change the background color of an element to Hex A5CBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5CBF3 }
```

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

```
.background{ background-color:#A5CBF3 }
```

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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