

# Converting Colors

Hex(A5DECF)

Have a look what the booklet for  
Hex(A5DECF) contains.

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# **Color**

**Hex(A5DECF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5DECF
RGB	165, 222, 207
RGB Percent	65%, 87%, 81%
CMY	0.3529, 0.1294, 0.1882
CMYK	0.26, 0.00, 0.07, 0.13
HSL	164°, 46%, 76%
HSV	164°, 26%, 87%
XYZ	52.9008, 64.7469, 68.7407
YIQ	203.2470, -29.1570, -16.7490

# Conversions

## Conversions Part 2

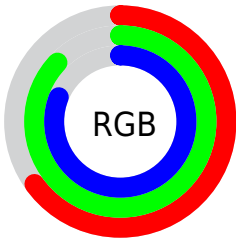
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 198, 222
Decimal	10870479
CIELab	84.35, -21.27, 1.45
CIELCh	84, 21.319, 176.100
Yxy	64.7469, 0.2838, 0.3474
Android (android.graphics.Color)	4289060559 (0xFFA5DECF)
YUV	203.2470, 1.8502, -33.5426
Hunter-Lab	80.4654, -23.4624, 5.6750

# Details

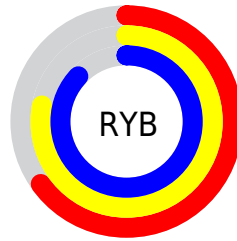
The Hex color **A5DECF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEA5B4**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DDFFFF**, and **70A799** is the 20% darker color. If you saturate the color by 10%, you get **8FDEC9**, and if you desaturate by 10%, it is **BBDED5**.

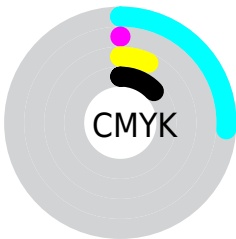
# Distribution



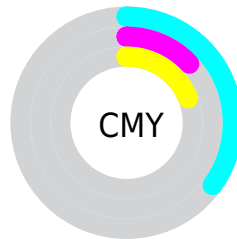
- Red (65%)
- Green (87%)
- Blue (81%)



- Red (65%)
- Yellow (78%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (35%)
- Magenta (13%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5DECF 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 A5DECF by changing the saturation by 10% instead.



 A5DECF

 A5DECF

FFFFFF

 8AC2B3

 DDFFFF

 70A799

 FAFFFF

 568C7F

 3D7366

 235A4E

 054237

 002B22

 00180B

 000000

 A5DEC F

 A5DEC F

 8FDEC 9

 BBDED 5

 79DEC 3

 D1DED B

 62DEB D

 E8DEE 1

 4CDEB 8

 FEDEE 6

 36DEB 2

 FFDEE C

 20DEA C

 FFDEF 2

 0ADEA 6

 FFDEF 8

 00DEA 4

 FFDEF E

 FFDEF F

# Harmonies

## Analogous

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



B8DCBC



A5DECF



9CDEE3

# Triad

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



A5DEC F



D3CE F6



F5CA B2

# Complementary

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



A5DEC F



DEA5B 4

# 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.



FDC5C2



A5DECF



EAC8E9

# Square

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



A5DECF



B8D5FA



F9C5D6



E5D0AB

# Rectangle

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



A5DEC F



9FDCE F



F9C5D 6



F9C8B 6



# Sweetspot

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



A5DECF



EBFFFA



B4DEA5



73807C



000000



808080

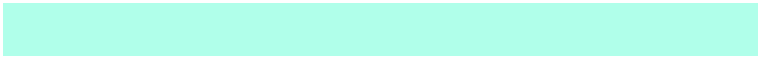


# Same Dimension

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



A5DECF



B0FFEA



A5D1DE



65706D



00B082



003024



# Inverse Universe

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



DEA5B4



FFB0C5



DEB2A5



706568



B0002E

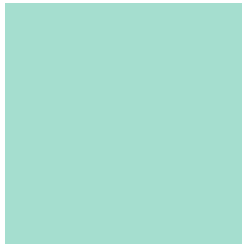


30000D



# Previews

## White Background



This preview shows how the Hex color A5DECF looks on a white background.

## Color Contrast Check

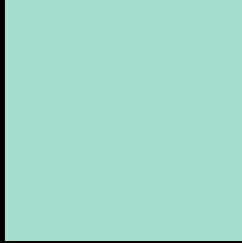
Large Text (above 18pt) WCAG AA × Fail

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 A5DECF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

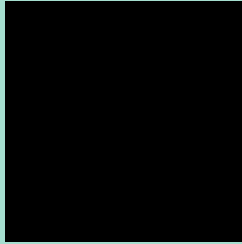
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5DECF Background



This preview shows how black text looks on a background with the Hex color A5DECF.

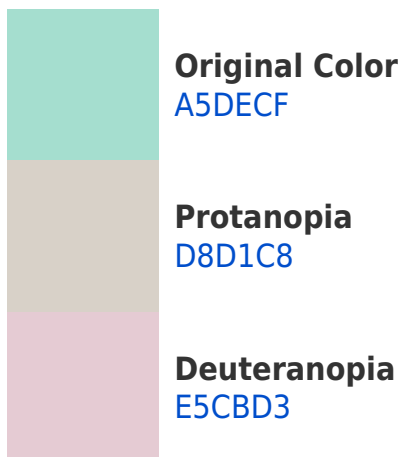


This preview shows how white text looks on a background with the Hex color A5DECF.

# Color Blindness Simulation

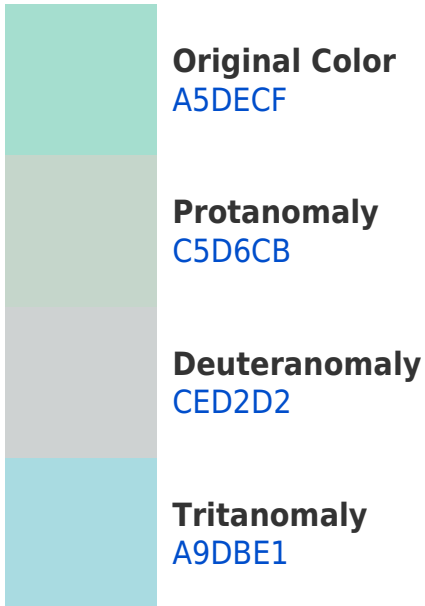
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

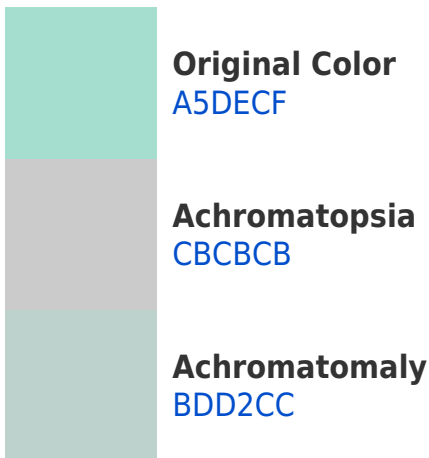




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5DECF 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 #A5DECF looks like.

```
.text, #text, p{  
    color:#A5DECF  
}
```

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 #A5DECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5DECF
}
```

## Border

The CSS property to change the border of an element to Hex A5DECF 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
#A5DECF }
```

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

```
.border{ border-color:#A5DECF }
```

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

Here you see how a box with a 4 pixel #A5DECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5DECF; -webkit-box-shadow:4px 4px  
4px 4px #A5DECF; box-shadow:4px 4px 4px  
4px #A5DECF }
```

# Background

The CSS property to change the background color of an element to Hex A5DECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5DECF }
```

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

```
.background{ background-color:#A5DECF }
```

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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