

# Converting Colors

Hex(A3DFE5)

Have a look what the booklet for  
Hex(A3DFE5) contains.

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# Color

**Hex(A3DFE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3DFE5
RGB	163, 223, 229
RGB Percent	64%, 87%, 90%
CMY	0.3608, 0.1255, 0.1020
CMYK	0.29, 0.03, 0.00, 0.10
HSL	185°, 56%, 77%
HSV	185°, 29%, 90%
XYZ	55.6348, 66.2190, 83.9780
YIQ	205.7440, -37.6860, -10.8540

# Conversions

## Conversions Part 2

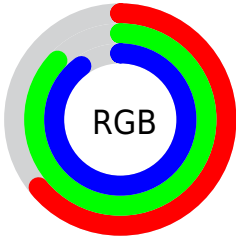
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 194, 229
Decimal	10739685
CIELab	85.11, -17.56, -9.09
CIElCh	85, 19.771, 207.371
Yxy	66.2190, 0.2703, 0.3217
Android (android.graphics.Color)	4288929765 (0xFFA3DFE5)
YUV	205.7440, 11.4652, -37.4865
Hunter-Lab	81.3751, -20.3689, -4.2240

# Details

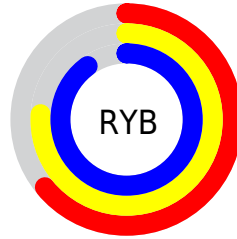
The Hex color **A3DFE5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5A9A3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DBFFFF**, and **6DA8AE** is the 20% darker color. If you saturate the color by 10%, you get **8CDDE5**, and if you desaturate by 10%, it is **BAE1E5**.

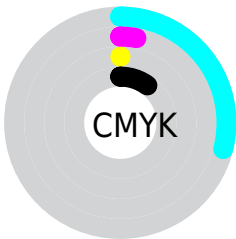
# Distribution



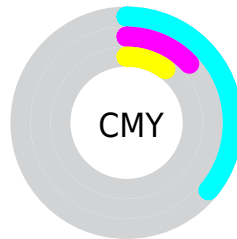
- Red (64%)
- Green (87%)
- Blue (90%)



- Red (64%)
- Yellow (76%)
- Blue (90%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (13%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3DFE5 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 A3DFE5 by changing the saturation by 10% instead.



 A3DFE5

 A3DFE5

FFFFFF

 88C3C9

 DBFFFF

 6DA8AE

 F9FFFF

 528D93

 387479

 1C5B60

 004349

 002D32

 001A1D

 000002

 A3DFE5

 A3DFE5

 8CDDE5

 BAE1E5

 75DBE5

 D1E3E5

 5ED9E5

 E8E5E5

 47D7E5

 FFE7E5

 31D5E5

 FFE9E5

 1AD3E5

 FFEBE5

 03D0E5

 FFE5E5

 00D0E5

 FFF0E5

 FFF2E5

# Harmonies

## Analogous

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



AADF2



A3DFE5



AADCF3

# Triad

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



A3DFE5



ECCBE9



E5D3B0

# Complementary

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



A3DFE5



E5A9A3

# 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.



F5CDB6



A3DFE5



F9C8D7

# Square

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



A3DFE5



D6D0F6



FCC9C4



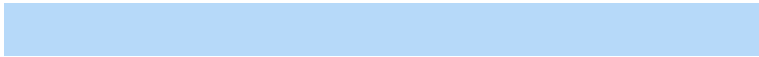
D1D9B3

# Rectangle

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



A3DFE5



B6D9F9



FCC9C4



EBD1B1



# Sweetspot

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



A3DFE5



E8FDFF



A3E5A8



717E80



000000



808080



# Same Dimension

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



A3DFE5



A6F7FF



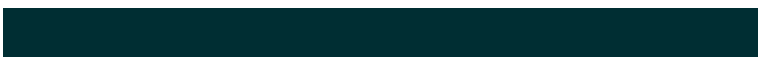
A3BFE5



677273



00A2B3



002E33



# Inverse Universe

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



E5A3DF



FFA6F7



E5CAA3



736772



B300A2

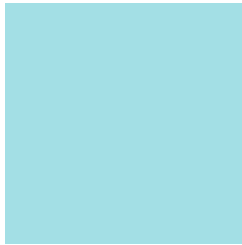


33002E



# Previews

## White Background



This preview shows how the Hex color A3DFE5 looks on a white background.

## Color Contrast Check

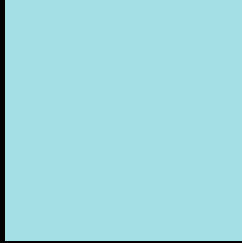
Large Text (above 18pt) WCAG AA × Fail

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 A3DFE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

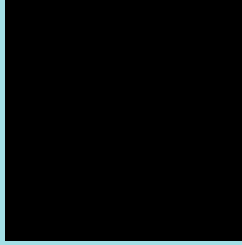
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3DFE5 Background



This preview shows how black text looks on a background with the Hex color A3DFE5.

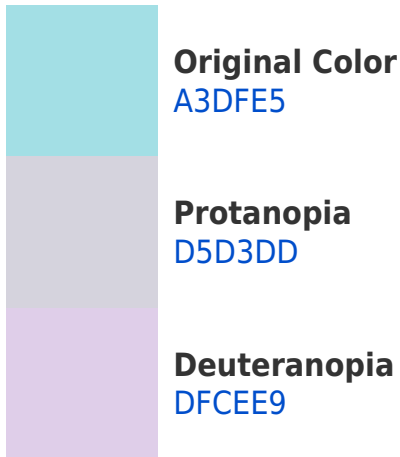


This preview shows how white text looks on a background with the Hex color A3DFE5.

# 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](#).

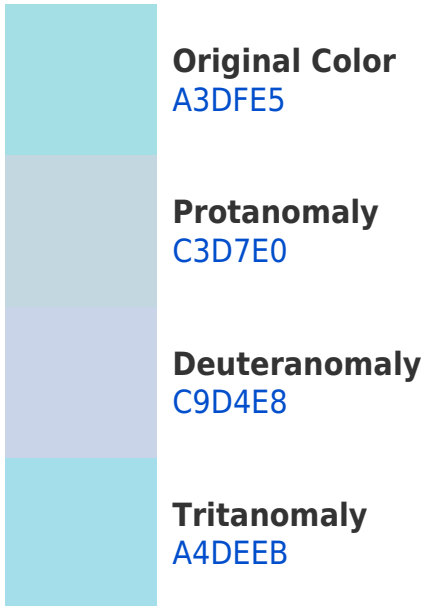
## Dichromacy



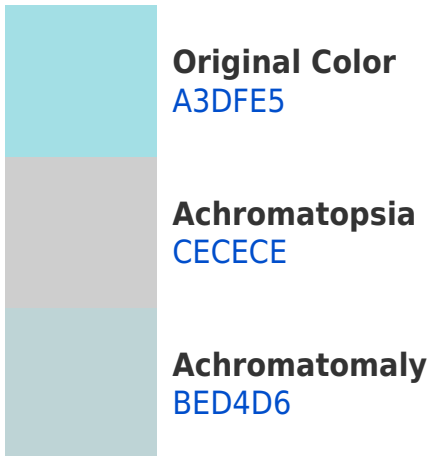


**Tritanopia**  
A5DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3DFE5 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 #A3DFE5 looks like.

```
.text, #text, p{  
    color:#A3DFE5  
}
```

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 #A3DFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3DFE5
}
```

## Border

The CSS property to change the border of an element to Hex A3DFE5 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
#A3DFE5 }
```

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

```
.border{ border-color:#A3DFE5 }
```

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

Here you see how a box with a 4 pixel #A3DFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3DFE5; -webkit-box-shadow:4px 4px  
4px 4px #A3DFE5; box-shadow:4px 4px 4px  
4px #A3DFE5 }
```

# Background

The CSS property to change the background color of an element to Hex A3DFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3DFE5 }
```

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

```
.background{ background-color:#A3DFE5 }
```

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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