

# Converting Colors

Hex(A2DFE7)

Have a look what the booklet for  
Hex(A2DFE7) contains.

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# **Color**

**Hex(A2DFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2DFE7
RGB	162, 223, 231
RGB Percent	64%, 87%, 91%
CMY	0.3647, 0.1255, 0.0941
CMYK	0.30, 0.03, 0.00, 0.09
HSL	187°, 59%, 77%
HSV	187°, 30%, 91%
XYZ	55.7118, 66.2263, 85.4479
YIQ	205.6730, -38.9240, -10.4440

# Conversions

## Conversions Part 2

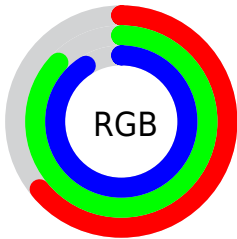
Format	Color
<a href="#">RYB</a>	<a href="#">162, 194, 231</a>
Decimal	<a href="#">10674151</a>
CIELab	<a href="#">85.11, -17.38, -10.15</a>
CIElCh	<a href="#">85, 20.125, 210.278</a>
Yxy	<a href="#">66.2263, 0.2686, 0.3193</a>
Android (android.graphics.Color)	<a href="#">4288864231</a> ( <a href="#">0xFFA2DFE7</a> )
YUV	<a href="#">205.6730, 12.4862, -38.3012</a>
Hunter-Lab	<a href="#">81.3795, -20.2145, -5.2884</a>

# Details

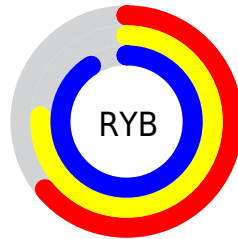
The Hex color **A2DFE7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7AAA2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DBFFFF**, and **6CA8AF** is the 20% darker color. If you saturate the color by 10%, you get **8BDCE7**, and if you desaturate by 10%, it is **B9E2E7**.

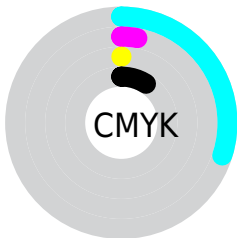
# Distribution



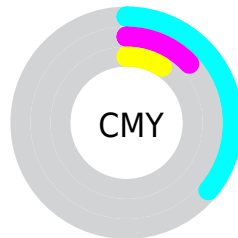
- Red (64%)
- Green (87%)
- Blue (91%)



- Red (64%)
- Yellow (76%)
- Blue (91%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2DFE7 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 A2DFE7 by changing the saturation by 10% instead.



 A2DFE7

 A2DFE7


FFFFFF

 87C3CB

 DBFFFF

 6CA8AF

 F8FFFF

 518D95

 37747B

 195B62

 00434A

 002D34

 001A1F

 000004

 A2DFE7

 A2DFE7

 8BDCE7

 B9E2E7

 74DAE7

 D0E4E7

 5DD7E7

 E7E7E7

 46D4E7

 FEEAE7

 2FD2E7

 FFECE7

 17CFE7

 FFEFE7

 00CCE7

 FFF2E7

 FFF4E7

 FFF7E7

# Harmonies

## Analogous

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



A8E0D4



A2DFE7



ABDCF5

# Triad

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



A2DFE7



EECAE8



E3D3AF

# Complementary

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



A2DFE7



E7AAA2

# 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.



F4CDB4



A2DFE7



FAC7D5

# Square

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



A2DFE7



D8D0F5



FCC9C2



CED9B4

# Rectangle

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



A2DFE7



B8D8FA



FCC9C2



EAD1AF

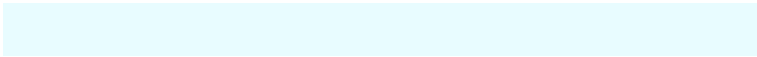


# Sweetspot

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



A2DFE7



E8FCFF



A2E7A9



717E80



000000



808080



# Same Dimension

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



A2DFE7



A3F4FF



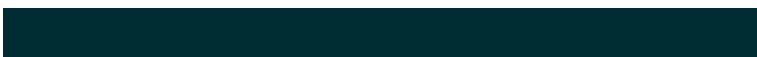
A2BEE7



677173



009EB3



002D33



# Inverse Universe

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



E7A2DF



FFA3F4



E7CBA2



736771



B3009E

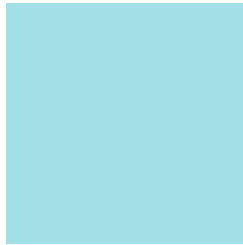


33002D



# Previews

## White Background



This preview shows how the Hex color A2DFE7 looks on a white background.

## Color Contrast Check

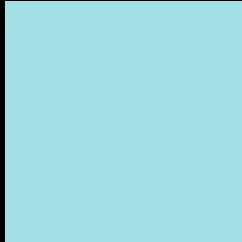
Large Text (above 18pt) WCAG AA × Fail

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 A2DFE7 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 A2DFE7 Background



This preview shows how black text looks on a background with the Hex color A2DFE7.

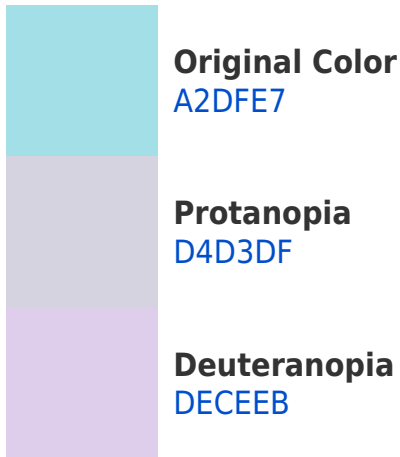


This preview shows how white text looks on a background with the Hex color A2DFE7.

# 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](#).

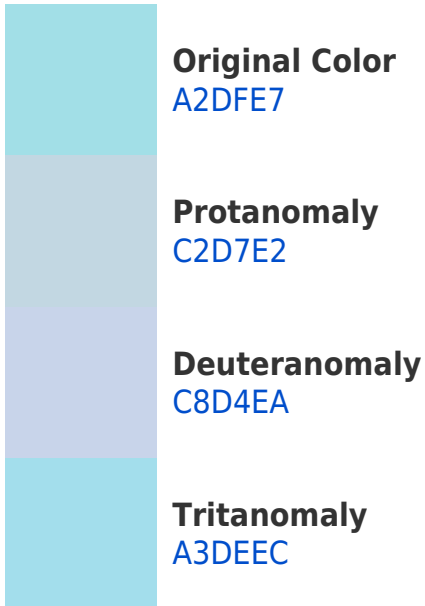
## Dichromacy



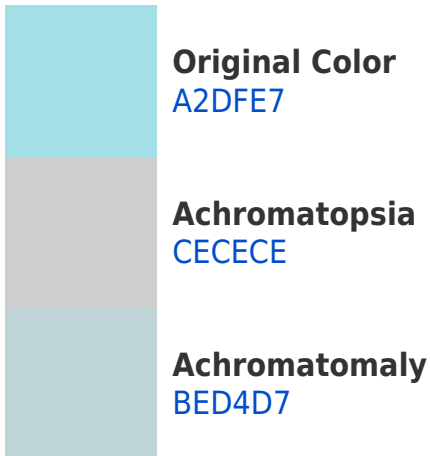


**Tritanopia**  
A4DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2DFE7 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 #A2DFE7 looks like.

```
.text, #text, p{  
    color:#A2DFE7  
}
```

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 #A2DFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2DFE7  
}
```

## Border

The CSS property to change the border of an element to Hex A2DFE7 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  
#A2DFE7 }
```

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

```
.border{ border-color:#A2DFE7 }
```

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

Here you see how a box with a 4 pixel #A2DFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2DFE7; -webkit-box-shadow:4px 4px  
4px 4px #A2DFE7; box-shadow:4px 4px 4px  
4px #A2DFE7 }
```

# Background

The CSS property to change the background color of an element to Hex A2DFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2DFE7 }
```

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

```
.background{ background-color:#A2DFE7 }
```

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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