

# Converting Colors

Hex(A0DEF7)

Have a look what the booklet for  
Hex(A0DEF7) contains.

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# **Color**

**Hex(A0DEF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0DEF7
RGB	160, 222, 247
RGB Percent	63%, 87%, 97%
CMY	0.3725, 0.1294, 0.0314
CMYK	0.35, 0.10, 0.00, 0.03
HSL	197°, 84%, 80%
HSV	197°, 35%, 97%
XYZ	57.4070, 66.4315, 97.7926
YIQ	206.3120, -44.9770, -5.3690

# Conversions

## Conversions Part 2

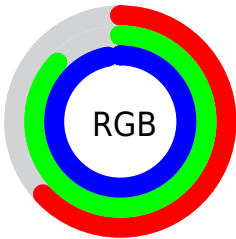
Format	Color
<a href="#">RYB</a>	<a href="#">160, 196, 247</a>
Decimal	<a href="#">10542839</a>
CIELab	<a href="#">85.22, -13.63, -18.45</a>
CIELCh	<a href="#">85, 22.941, 233.555</a>
Yxy	<a href="#">66.4315, 0.2590, 0.2997</a>
Android (android.graphics.Color)	<a href="#">4288732919 (0xFFA0DEF7)</a>
YUV	<a href="#">206.3120, 20.0592, -40.6156</a>
Hunter-Lab	<a href="#">81.5055, -16.9114, -14.0839</a>

# Details

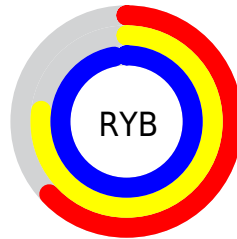
The Hex color **A0DEF7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F7B9A0**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D9FFFF**, and **69A7BF** is the 20% darker color. If you saturate the color by 10%, you get **87D7F7**, and if you desaturate by 10%, it is **B9E5F7**.

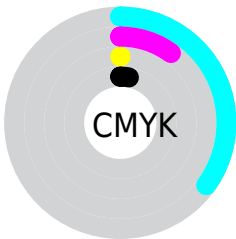
# Distribution



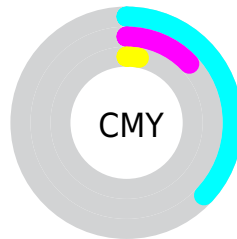
- Red (63%)
- Green (87%)
- Blue (97%)



- Red (63%)
- Yellow (77%)
- Blue (97%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (13%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0DEF7 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 A0DEF7 by changing the saturation by 10% instead.



 A0DEF7

 A0DEF7

FFFFFF


 84C2DA

 D9FFFF

 69A7BF

 F6FFFF

 4D8CA4

 317389

 0D5A70

 004357

 002C40

 00192A

 000115

 A0DEF7

 A0DEF7

 87D7F7

 B9E5F7

 6FD0F7

 D1ECF7

 56C9F7

 EAF3F7

 3DC2F7

 FFFAF7

 25BBF7

 FFFFF7

 0CB3F7

 00B0F7

# Harmonies

## Analogous

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



9AE1E5



A0DEF7



B6D8FF

# Triad

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



A0DEF7



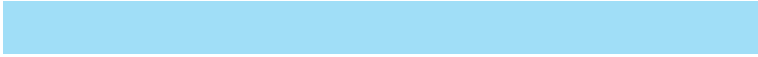
FDC6DA



D3D9AD

# Complementary

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



A0DEF7



F7B9A0

# 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.



EAD2AA



A0DEF7



FFC6C5

# Square

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



A0DEF7



EDCAEF



FBCBB3



BADEBB

# Rectangle

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



A0DEF7



C9D3FF



FBCBB3



DBD7AB



# Sweetspot

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



A0DEF7



E3F7FF



A0F7B9



6F7B80



000000



808080

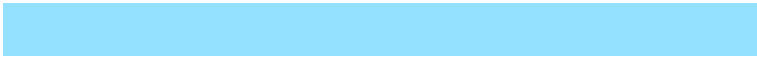


# Same Dimension

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



A0DEF7



94E0FF



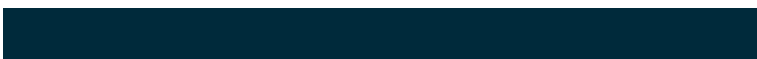
A0B3F7



6E777A



0085BA



002A3B



# Inverse Universe

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



F7A0DE



FF94E0



F7E4A0



7A6E77



BA0085

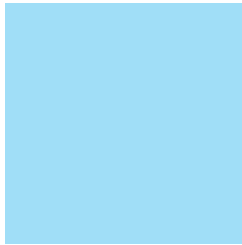


3B002A



# Previews

## White Background



This preview shows how the Hex color A0DEF7 looks on a white background.

## Color Contrast Check

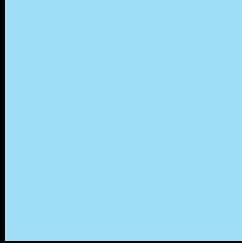
Large Text (above 18pt) WCAG AA × Fail

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 A0DEF7 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 A0DEF7 Background



This preview shows how black text looks on a background with the Hex color A0DEF7.

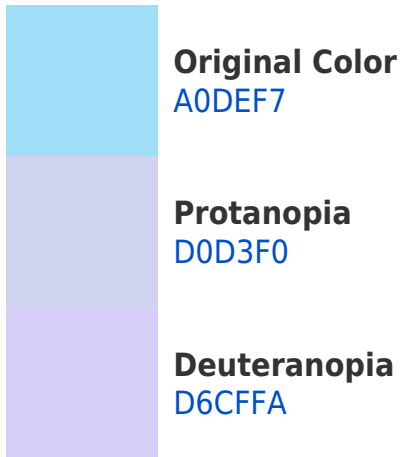


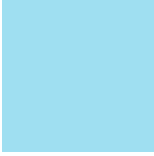
This preview shows how white text looks on a background with the Hex color A0DEF7.

# 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



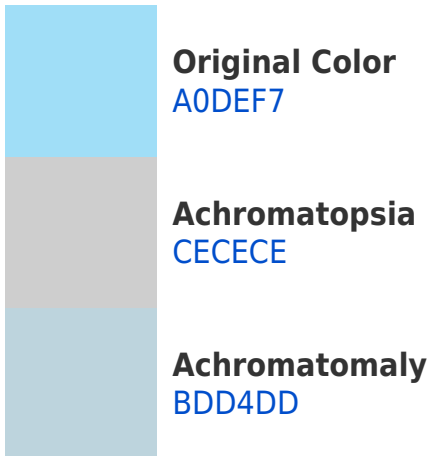


**Tritanopia**  
9FDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0DEF7 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 #A0DEF7 looks like.

```
.text, #text, p{  
    color:#A0DEF7  
}
```

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 #A0DEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0DEF7  
}
```

## Border

The CSS property to change the border of an element to Hex A0DEF7 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  
#A0DEF7 }
```

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

```
.border{ border-color:#A0DEF7 }
```

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

Here you see how a box with a 4 pixel #A0DEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0DEF7; -webkit-box-shadow:4px 4px  
4px 4px #A0DEF7; box-shadow:4px 4px 4px  
4px #A0DEF7 }
```

# Background

The CSS property to change the background color of an element to Hex A0DEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0DEF7 }
```

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

```
.background{ background-color:#A0DEF7 }
```

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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