

# Converting Colors

Hex(6AEADF)

Have a look what the booklet for  
Hex(6AEADF) contains.

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# Color

**Hex(6AEADF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AEADF
RGB	106, 234, 223
RGB Percent	42%, 92%, 87%
CMY	0.5843, 0.0824, 0.1255
CMYK	0.55, 0.00, 0.05, 0.08
HSL	175°, 75%, 67%
HSV	175°, 55%, 92%
XYZ	48.6860, 67.2375, 80.2242
YIQ	194.4740, -72.7570, -30.5570

# Conversions

## Conversions Part 2

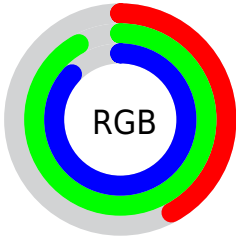
Format	Color
<a href="#">RYB</a>	<a href="#">106, 173, 234</a>
Decimal	<a href="#">7006943</a>
CIELab	<a href="#">85.62, -37.97, -5.43</a>
CIElCh	<a href="#">86, 38.359, 188.131</a>
Yxy	<a href="#">67.2375, 0.2482, 0.3428</a>
Android (android.graphics.Color)	<a href="#">4285197023</a> ( <a href="#">0xFF6AEADF</a> )
YUV	<a href="#">194.4740, 14.0633, -77.5917</a>
Hunter-Lab	<a href="#">81.9985, -37.5144, -0.6081</a>

# Details

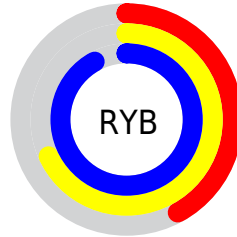
The Hex color **6AEADF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EA6A75**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A7FFFF**, and **20B2A8** is the 20% darker color. If you saturate the color by 10%, you get **53EADD**, and if you desaturate by 10%, it is **81EAE1**.

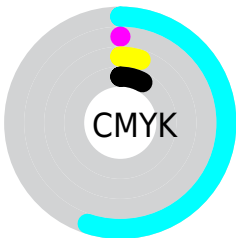
# Distribution



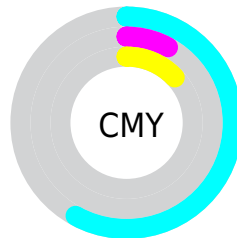
- Red (42%)
- Green (92%)
- Blue (87%)



- Red (42%)
- Yellow (68%)
- Blue (92%)



- Cyan (55%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (58%)
- Magenta (8%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AEADF 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 6AEADF by changing the saturation by 10% instead.



 6AEADF

 6AEADF

FFFFFF

 49CEC3

 A7FFFF

 20B2A8

 C5FFFF

 00978E

 E3FFFF

 007C74

 00635C

 004A44

 00322E

 001D19

 000000

■ 6AEADF

■ 6AEADF

■ 53EADD

■ 81EAE1

■ 3BEADB

■ 99EAE3

■ 24EAD9

■ B0EAE5

■ 0CEAD7

■ C8EAE7

■ 00EAD6

■ DFEAE9

■ F6EAEB

■ FFEAED

■ FFEAEF

■ FFEAF1

# Harmonies

## Analogous

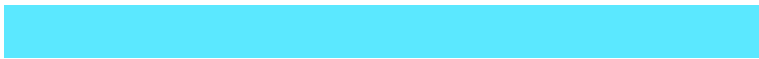
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92E8BA



6AEADF



5BE8FF

# Triad

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



6AEADF



E8C9FF



FFCB93

# Complementary

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



6AEADF



EA6A75

# 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.



FFC0AB



6AEADF



FFBEF2

# Square

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



6AEADF



B4D6FF



FFBBCD



E5D78E

# Rectangle

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



6AEADF



6DE4FF



FFBBCD



FFC79A

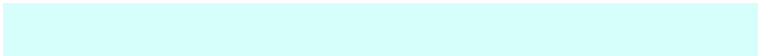


# Sweetspot

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



6AEADF



D6FFFB



77EA6A



67807D



000000



808080



# Same Dimension

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



6AEADF



57FFF1



6AB7EA



6A7574



00B5A5



003631



# Inverse Universe

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



EA6A75



FF5765



EA9D6A



756A6B



B50010

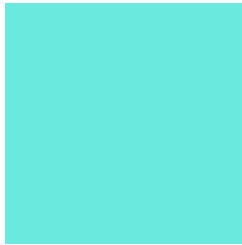


360005



# Previews

## White Background



This preview shows how the Hex color 6AEADF looks on a white background.

## Color Contrast Check

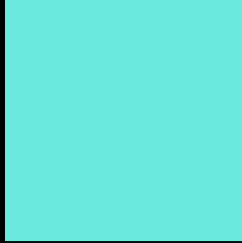
Large Text (above 18pt) WCAG AA × Fail

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 6AEADF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

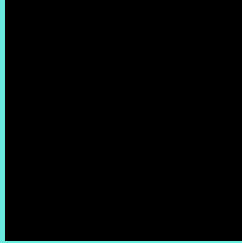
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AEADF Background



This preview shows how black text looks on a background with the Hex color 6AEADF.

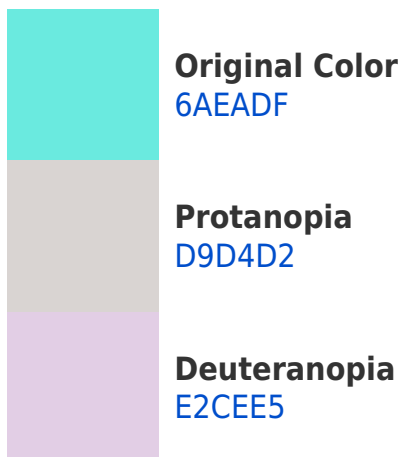


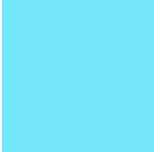
This preview shows how white text looks on a background with the Hex color 6AEADF.

# 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**  
73E6F9

# Trichromacy



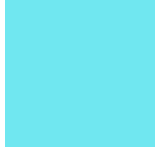
**Original Color**  
6AEADF



**Protanomaly**  
B1DCD7



**Deuteranomaly**  
B6D8E3

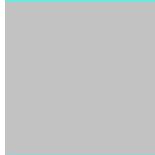


**Tritanomaly**  
70E7F0

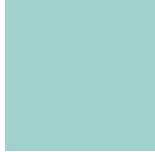
# Monochromacy



**Original Color**  
6AEADF



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A2D1CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AEADF 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 #6AEADF looks like.

```
.text, #text, p{  
    color:#6AEADF  
}
```

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 #6AEADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AEADF
}
```

## Border

The CSS property to change the border of an element to Hex 6AEADF 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
#6AEADF }
```

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

```
.border{ border-color:#6AEADF }
```

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

Here you see how a box with a 4 pixel #6AEADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AEADF; -webkit-box-shadow:4px 4px  
4px 4px #6AEADF; box-shadow:4px 4px 4px  
4px #6AEADF }
```

# Background

The CSS property to change the background color of an element to Hex 6AEADF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AEADF }
```

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

```
.background{ background-color:#6AEADF }
```

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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