

# Converting Colors

Hex(6AD0E5)

Have a look what the booklet for  
Hex(6AD0E5) contains.

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# **Color**

**Hex(6AD0E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AD0E5
RGB	106, 208, 229
RGB Percent	42%, 82%, 90%
CMY	0.5843, 0.1843, 0.1020
CMYK	0.54, 0.09, 0.00, 0.10
HSL	190°, 70%, 66%
HSV	190°, 54%, 90%
XYZ	42.6426, 53.8331, 82.2721
YIQ	179.8960, -67.5330, -15.0930

# Conversions

## Conversions Part 2

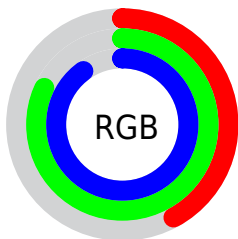
Format	Color
<a href="#">RYB</a>	<a href="#">106, 162, 229</a>
Decimal	<a href="#">7000293</a>
CIELab	<a href="#">78.36, -23.97, -19.47</a>
CIELCh	<a href="#">78, 30.880, 219.078</a>
Yxy	<a href="#">53.8331, 0.2386, 0.3012</a>
Android (android.graphics.Color)	<a href="#">4285190373 (0xFF6AD0E5)</a>
YUV	<a href="#">179.8960, 24.2083, -64.8068</a>
Hunter-Lab	<a href="#">73.3710, -24.6567, -15.1231</a>

# Details

The Hex color **6AD0E5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E57F6A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A5FFFF**, and **2699AE** is the 20% darker color. If you saturate the color by 10%, you get **53CCE5**, and if you desaturate by 10%, it is **81D4E5**.

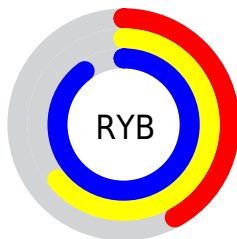
# Distribution



Red (42%)

Green (82%)

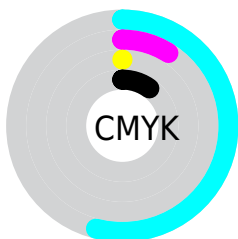
Blue (90%)



Red (42%)

Yellow (64%)

Blue (90%)

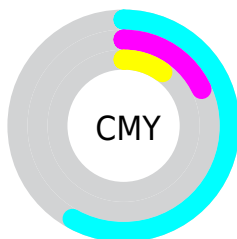


Cyan (54%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (58%)

Magenta (18%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AD0E5 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 6AD0E5 by changing the saturation by 10% instead.



 6AD0E5

 6AD0E5

FFFFFF

 4BB4C9

 A5FFFF

 2699AE

 C3FFFF

 007F93

 E1FFFF

 006679

 004E60

 003648

 002232

 00021D

 000000

■ 6AD0E5

■ 6AD0E5

■ 53CCE5

■ 81D4E5

■ 3CC8E5

■ 98D8E5

■ 25C4E5

■ AFDCE5

■ 0EC0E5

■ C6E0E5

■ 00BEE5

■ DDE4E5

■ F3E7E5

■ FFEBE5

■ FFEFE5

■ FFF3E5

# Harmonies

## Analogous

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



71D2CA



6AD0E5



82CAF7

# Triad

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



6AD0E5



EEAFD7



CEC389

# Complementary

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



6AD0E5



E57F6A

# 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.



E8B98D



6AD0E5



FBADBA

# Square

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



6AD0E5



D1B7EE



F8B19F



AECB95

# Rectangle

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



6AD0E5



9CC5FB



F8B19F



D7C089

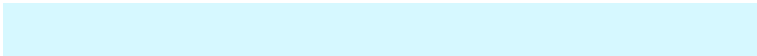


# Sweetspot

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



6AD0E5



D6F8FF



6AE57E



677B80



000000



808080



# Same Dimension

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



6AD0E5



5CE3FF



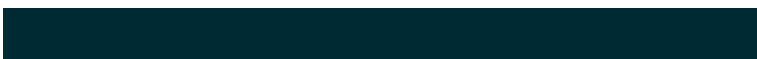
6A93E5



677173



0094B3



002A33



# Inverse Universe

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



E56AD0



FF5CE3



E5BC6A



736771



B30094

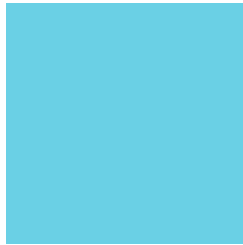


33002A



# Previews

## White Background



This preview shows how the Hex color 6AD0E5 looks on a white background.

## Color Contrast Check

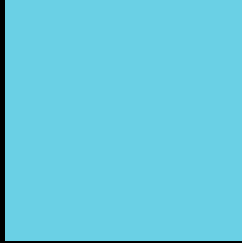
Large Text (above 18pt) WCAG AA × Fail

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 6AD0E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

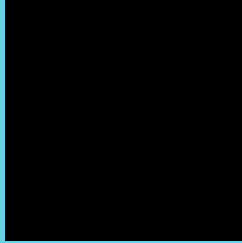
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AD0E5 Background



This preview shows how black text looks on a background with the Hex color 6AD0E5.

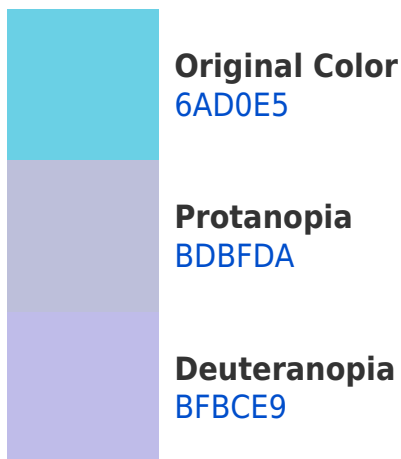


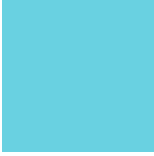
This preview shows how white text looks on a background with the Hex color 6AD0E5.

# 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**  
69D1E1

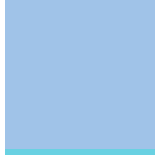
# Trichromacy



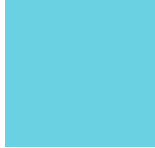
**Original Color**  
6AD0E5



**Protanomaly**  
9FC5DE



**Deuteranomaly**  
A0C3E8

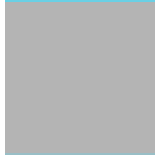


**Tritanomaly**  
69D1E2

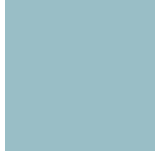
# Monochromacy



**Original Color**  
6AD0E5



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
99BEC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AD0E5 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 #6AD0E5 looks like.

```
.text, #text, p{  
    color:#6AD0E5  
}
```

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 #6AD0E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD0E5
}
```

## Border

The CSS property to change the border of an element to Hex 6AD0E5 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
#6AD0E5 }
```

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

```
.border{ border-color:#6AD0E5 }
```

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

Here you see how a box with a 4 pixel #6AD0E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD0E5; -webkit-box-shadow:4px 4px  
4px 4px #6AD0E5; box-shadow:4px 4px 4px  
4px #6AD0E5 }
```

# Background

The CSS property to change the background color of an element to Hex 6AD0E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD0E5 }
```

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

```
.background{ background-color:#6AD0E5 }
```

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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