

Converting Colors

Hex(6AD5DC)

Have a look what the booklet for
Hex(6AD5DC) contains.

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Color

Hex(6AD5DC)

Conversions

Conversions Part 1

Format	Color
Hex	6AD5DC
RGB	106, 213, 220
RGB Percent	42%, 84%, 86%
CMY	0.5843, 0.1647, 0.1373
CMYK	0.52, 0.03, 0.00, 0.14
HSL	184°, 62%, 64%
HSV	184°, 52%, 86%
XYZ	42.6564, 55.8200, 76.2363
YIQ	181.8050, -66.0190, -20.5070

Conversions

Conversions Part 2

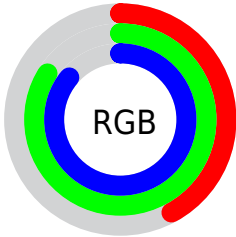
Format	Color
RYB	106, 161, 220
Decimal	7001564
CIELab	79.51, -28.87, -12.92
CIELCh	80, 31.634, 204.107
Yxy	55.8200, 0.2442, 0.3195
Android (android.graphics.Color)	4285191644 (0xFF6AD5DC)
YUV	181.8050, 18.8301, -66.4810
Hunter-Lab	74.7128, -28.8349, -8.2001

Details

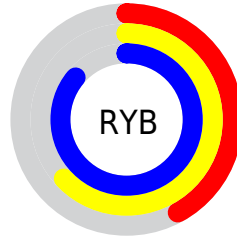
The Hex color **6AD5DC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC716A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A5FFFF**, and **279EA5** is the 20% darker color. If you saturate the color by 10%, you get **54D4DC**, and if you desaturate by 10%, it is **80D6DC**.

Distribution



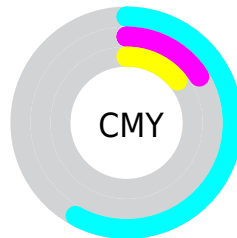
- Red (42%)
- Green (84%)
- Blue (86%)



- Red (42%)
- Yellow (63%)
- Blue (86%)



- Cyan (52%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD5DC 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 6AD5DC by changing the saturation by 10% instead.

 6AD5DC

 6AD5DC

FFFFFF

 4BB9C0

 A5FFFF

 279EA5

 C3FFFF

 00848B

 E1FFFF

 006A71

 005159

 003A41

 00252B

 000118

 000000

6AD5DC

6AD5DC

54D4DC

80D6DC

3ED2DC

96D8DC

28D1DC

ACD9DC

12D0DC

C2DADC

00CEDC

D8DCDC

EEDDDC

FFDEDC

FFE0DC

FFE1DC

Harmonies

Analogous

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



7FD5BE



6AD5DC



73D1F4

Triad

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



6AD5DC



E5B6E8



E0C18B

Complementary

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



6AD5DC



DC716A

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.



F6B796



6AD5DC



FBB0CC

Square

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



6AD5DC



C1BFFB



FFB0AE



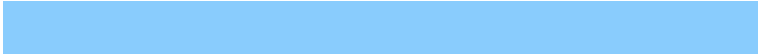
C1CB8F

Rectangle

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



6AD5DC



89CCFD



FFB0AE



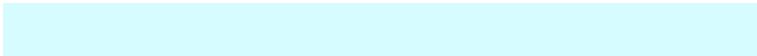
E8BE8D

Sweetspot

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



6AD5DC



D6FCFF



6ADC70



677E80



000000



808080

Same Dimension

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



6AD5DC



61F5FF



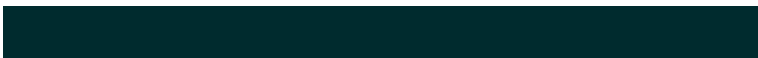
6A9DDC



636D6E



00A3AD



002B2E

Inverse Universe

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



DC6AD5



FF61F5



DCA96A



6E636D



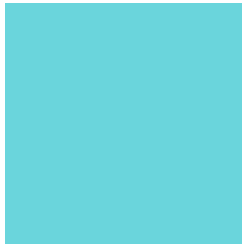
AD00A3



2E002B

Previews

White Background



This preview shows how the Hex color 6AD5DC looks on a white background.

Color Contrast Check

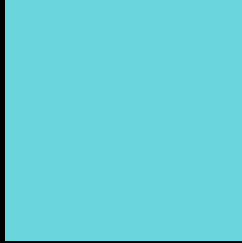
Large Text (above 18pt) WCAG AA × Fail

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 6AD5DC 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 6AD5DC Background



This preview shows how black text looks on a background with the Hex color 6AD5DC.

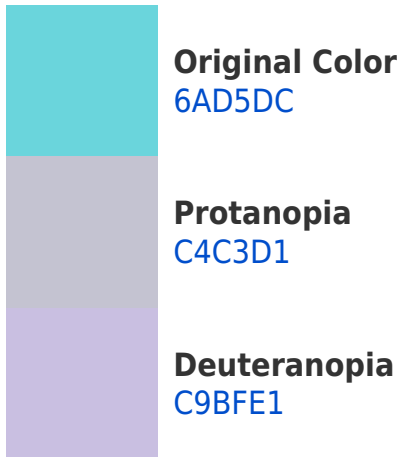


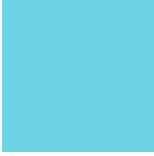
This preview shows how white text looks on a background with the Hex color 6AD5DC.

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
6DD4E5

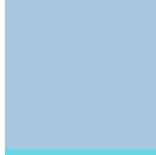
Trichromacy



Original Color
6AD5DC



Protanomaly
A3CAD5



Deuteranomaly
A6C7DF

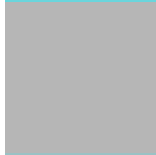


Tritanomaly
6CD4E2

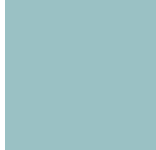
Monochromacy



Original Color
6AD5DC



Achromatopsia
B6B6B6



Achromatomaly
9AC1C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD5DC 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 #6AD5DC looks like.

```
.text, #text, p{  
    color:#6AD5DC  
}
```

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 #6AD5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD5DC
}
```

Border

The CSS property to change the border of an element to Hex 6AD5DC 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
#6AD5DC }
```

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

```
.border{ border-color:#6AD5DC }
```

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

Here you see how a box with a 4 pixel #6AD5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD5DC; -webkit-box-shadow:4px 4px  
4px 4px #6AD5DC; box-shadow:4px 4px 4px  
4px #6AD5DC }
```

Background

The CSS property to change the background color of an element to Hex 6AD5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD5DC }
```

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

```
.background{ background-color:#6AD5DC }
```

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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