

Converting Colors

Hex(6AD2E7)

Have a look what the booklet for
Hex(6AD2E7) contains.

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Color

Hex(6AD2E7)

Conversions

Conversions Part 1

Format	Color
Hex	6AD2E7
RGB	106, 210, 231
RGB Percent	42%, 82%, 91%
CMY	0.5843, 0.1765, 0.0941
CMYK	0.54, 0.09, 0.00, 0.09
HSL	190°, 72%, 66%
HSV	190°, 54%, 91%
XYZ	43.4143, 54.9269, 83.9151
YIQ	181.2980, -68.7250, -15.5170

Conversions

Conversions Part 2

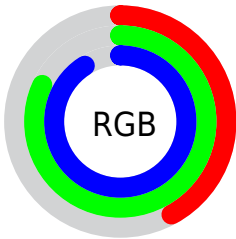
Format	Color
RYB	106, 163, 231
Decimal	7000807
CIELab	79.00, -24.41, -19.58
CIElCh	79, 31.293, 218.725
Yxy	54.9269, 0.2382, 0.3014
Android (android.graphics.Color)	4285190887 (0xFF6AD2E7)
YUV	181.2980, 24.5031, -66.0363
Hunter-Lab	74.1127, -25.1342, -15.2530

Details

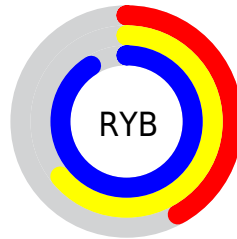
The Hex color **6AD2E7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E77F6A**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A6FFFF**, and **259BAF** is the 20% darker color. If you saturate the color by 10%, you get **53CEE7**, and if you desaturate by 10%, it is **81D6E7**.

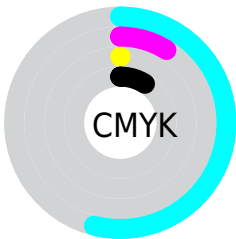
Distribution



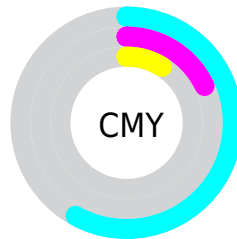
- Red (42%)
- Green (82%)
- Blue (91%)



- Red (42%)
- Yellow (64%)
- Blue (91%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD2E7 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 6AD2E7 by changing the saturation by 10% instead.

 6AD2E7

 6AD2E7

FFFFFF

 4BB6CB

 A6FFFF

 259BAF

 C3FFFF

 008195


 E1FFFF

 00687B

 004F62

 00384A

 002333

 00021F

 000001

■ 6AD2E7

■ 6AD2E7

■ 53CEE7

■ 81D6E7

■ 3CCAE7

■ 98DAE7

■ 25C6E7

■ AFDEE7

■ 0EC2E7

■ C6E2E7

■ 00C0E7

■ DEE5E7

■ F5E9E7

■ FFEDE7

■ FFF1E7

■ FFF5E7

Harmonies

Analogous

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



72D4CB



6AD2E7



82CCF9

Triad

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



6AD2E7



F0B1D9



D0C48A

Complementary

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



6AD2E7



E77F6A

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.



EABB8E



6AD2E7



FEAEBC

Square

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



6AD2E7



D3B9F1



FBB2A1



B0CD95

Rectangle

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



6AD2E7



9DC7FD



FBB2A1



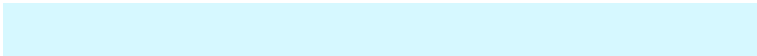
DAC189

Sweetspot

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



6AD2E7



D6F8FF



6AE77F



677B80



000000



808080

Same Dimension

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



6AD2E7



59E3FF



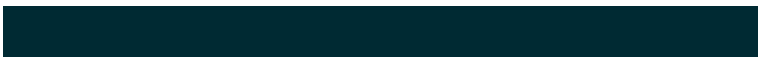
6A94E7



677173



0095B3



002A33

Inverse Universe

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



E76AD2



FF59E3



E7BD6A



736771



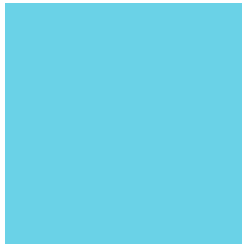
B30095



33002A

Previews

White Background



This preview shows how the Hex color 6AD2E7 looks on a white background.

Color Contrast Check

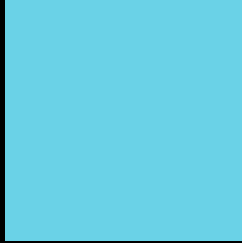
Large Text (above 18pt) WCAG AA × Fail

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 6AD2E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

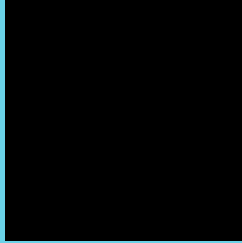
Any Text WCAG AA ✓ Pass

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 6AD2E7 Background



This preview shows how black text looks on a background with the Hex color 6AD2E7.

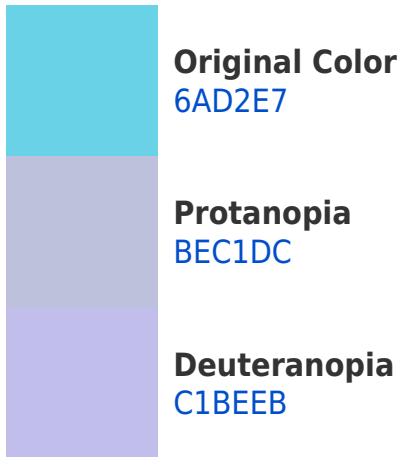


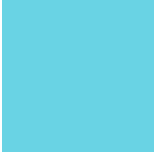
This preview shows how white text looks on a background with the Hex color 6AD2E7.

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



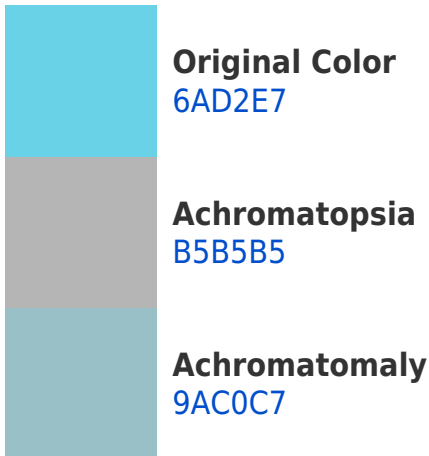


Tritanopia
69D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD2E7 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 #6AD2E7 looks like.

```
.text, #text, p{  
    color:#6AD2E7  
}
```

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 #6AD2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD2E7
}
```

Border

The CSS property to change the border of an element to Hex 6AD2E7 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
#6AD2E7 }
```

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

```
.border{ border-color:#6AD2E7 }
```

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

Here you see how a box with a 4 pixel #6AD2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD2E7; -webkit-box-shadow:4px 4px  
4px 4px #6AD2E7; box-shadow:4px 4px 4px  
4px #6AD2E7 }
```

Background

The CSS property to change the background color of an element to Hex 6AD2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD2E7 }
```

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

```
.background{ background-color:#6AD2E7 }
```

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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