

Converting Colors

Hex(6AE0D5)

Have a look what the booklet for
Hex(6AE0D5) contains.

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Color

Hex(6AE0D5)

Conversions

Conversions Part 1

Format	Color
Hex	6AE0D5
RGB	106, 224, 213
RGB Percent	42%, 88%, 84%
CMY	0.5843, 0.1216, 0.1647
CMYK	0.53, 0.00, 0.05, 0.12
HSL	174°, 66%, 65%
HSV	174°, 53%, 88%
XYZ	44.6098, 61.1796, 72.4084
YIQ	187.4640, -66.7970, -28.4370

Conversions

Conversions Part 2

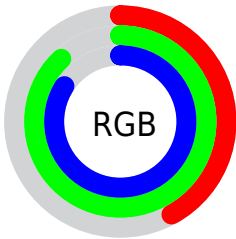
Format	Color
R _{YB}	106, 168, 224
Decimal	7004373
CIE _{Lab}	82.48, -35.89, -4.79
CIE _{LCh}	82, 36.212, 187.596
Y _{xy}	61.1796, 0.2503, 0.3433
Android (android.graphics.Color)	4285194453 (0xFF6AE0D5)
YUV	187.4640, 12.5892, -71.4439
Hunter-Lab	78.2174, -35.0764, -0.1346

Details

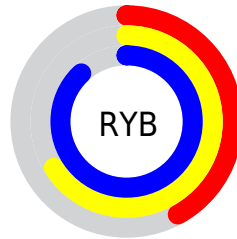
The Hex color **6AE0D5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E06A75**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A6FFFF**, and **25A89E** is the 20% darker color. If you saturate the color by 10%, you get **54E0D3**, and if you desaturate by 10%, it is **80E0D7**.

Distribution



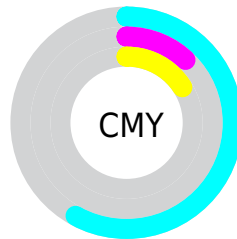
- Red (42%)
- Green (88%)
- Blue (84%)



- Red (42%)
- Yellow (66%)
- Blue (88%)



- Cyan (53%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE0D5 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 6AE0D5 by changing the saturation by 10% instead.

 6AE0D5

 6AE0D5

FFFFFF

 4BC4B9

 A6FFFF

 25A89E

 C3FFFF

 008D84

 E1FFFF

 00736B

 005A53

 00423C

 002B26

 001112

 000000

 6AE0D5

 6AE0D5

 54E0D3

 80E0D7

 3DE0D1

 97E0D9

 27E0CF

 ADE0DB

 10E0CD

 C4E0DD

 00E0CB

 DAE0DF

 F0E0E2

 FFE0E4

 FFE0E6

 FFE0E8

Harmonies

Analogous

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



8FDEB2



6AE0D5



5CDEF6

Triad

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



6AE0D5



DDC1FF



FBC28F

Complementary

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



6AE0D5



E06A75

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.



FFB8A5



6AE0D5



FFB7E8

Square

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



6AE0D5



ADCEFF



FFB4C6



DCCE89

Rectangle

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



6AE0D5



6CDAFF



FFB4C6



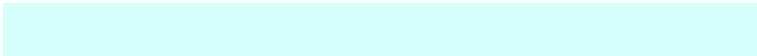
FFBF95

Sweetspot

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



6AE0D5



D6FFFB



76E06A



67807D



000000



808080

Same Dimension

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



6AE0D5



5EFFF0



6AB1E0



65706F



00B0A0



00302C

Inverse Universe

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



E06A75



FF5E6D



E0996A



706566



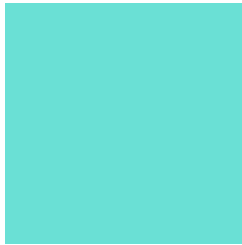
B00010



300005

Previews

White Background



This preview shows how the Hex color 6AE0D5 looks on a white background.

Color Contrast Check

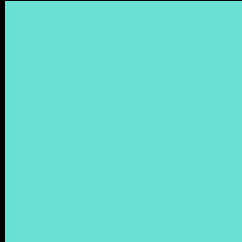
Large Text (above 18pt) WCAG AA × Fail

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 6AE0D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

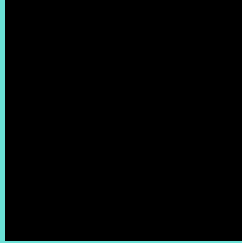
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

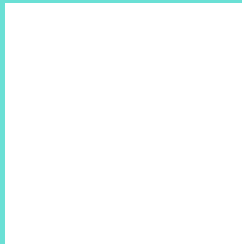
Any Text WCAG AAA ✓ Pass

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

Hex 6AE0D5 Background



This preview shows how black text looks on a background with the Hex color 6AE0D5.

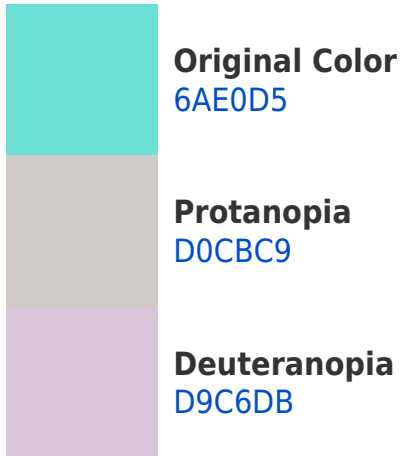


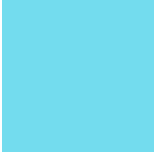
This preview shows how white text looks on a background with the Hex color 6AE0D5.

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
73DCEE

Trichromacy



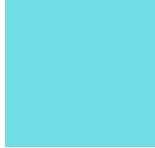
Original Color
6AE0D5



Protanomaly
ABD3CD



Deuteranomaly
B1CFD9

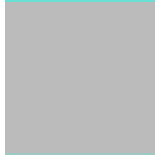


Tritanomaly
70DDE5

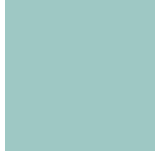
Monochromacy



Original Color
6AE0D5



Achromatopsia
BBBBBB



Achromatomaly
9EC8C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE0D5 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 #6AE0D5 looks like.

```
.text, #text, p{  
    color:#6AE0D5  
}
```

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 #6AE0D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE0D5  
}
```

Border

The CSS property to change the border of an element to Hex 6AE0D5 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  
#6AE0D5 }
```

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

```
.border{ border-color:#6AE0D5 }
```

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

Here you see how a box with a 4 pixel #6AE0D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE0D5; -webkit-box-shadow:4px 4px  
4px 4px #6AE0D5; box-shadow:4px 4px 4px  
4px #6AE0D5 }
```

Background

The CSS property to change the background color of an element to Hex 6AE0D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE0D5 }
```

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

```
.background{ background-color:#6AE0D5 }
```

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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