

Converting Colors

Hex(3AE4D5)

Have a look what the booklet for
Hex(3AE4D5) contains.

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Color

Hex(3AE4D5)

Conversions

Conversions Part 1

Format	Color
Hex	3AE4D5
RGB	58, 228, 213
RGB Percent	23%, 89%, 84%
CMY	0.7725, 0.1059, 0.1647
CMYK	0.75, 0.00, 0.07, 0.11
HSL	175°, 76%, 56%
HSV	175°, 75%, 89%
XYZ	41.4986, 61.1904, 72.5745
YIQ	175.4600, -96.5050, -40.7050

Conversions

Conversions Part 2

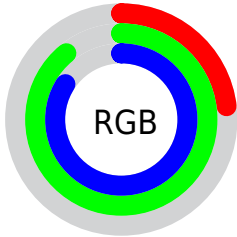
Format	Color
R _{YB}	58, 147, 228
Decimal	3859669
CIE _{Lab}	82.48, -45.17, -4.91
CIE _{LCh}	82, 45.437, 186.203
Yxy	61.1904, 0.2368, 0.3491
Android (android.graphics.Color)	4282049749 (0xFF3AE4D5)
YUV	175.4600, 18.5072, -103.0124
Hunter-Lab	78.2243, -42.1970, -0.2507

Details

The Hex color **3AE4D5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E43A49**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **83FFFF**, and **00AC9E** is the 20% darker color. If you saturate the color by 10%, you get **23E4D3**, and if you desaturate by 10%, it is **51E4D7**.

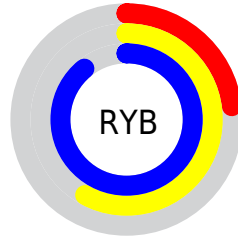
Distribution



Red (23%)

Green (89%)

Blue (84%)



Red (23%)

Yellow (58%)

Blue (89%)

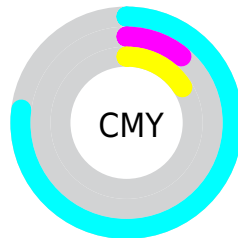


Cyan (75%)

Magenta (0%)

Yellow (7%)

Black (11%)



Cyan (77%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AE4D5 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 3AE4D5 by changing the saturation by 10% instead.

 3AE4D5

 3AE4D5

FFFFFF

 00C8B9

 83FFFF

 00AC9E

 A3FFFF

 009184

 C2FFFF

 00766B

 E2FFFF

 005D53

 00443C

 002D26

 001112

 000000

 3AE4D5

 3AE4D5

 23E4D3

 51E4D7

 0CE4D1

 68E4D9

 00E4D0

 7EE4DB

 95E4DD

 ACE4DF

 C3E4E1

 DAE4E3

 F0E4E5

 FFE4E7

Harmonies

Analogous

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



7EE1A9



3AE4D5



00E2FE

Triad

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



3AE4D5



DEBFFF



FFBF80

Complementary

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



3AE4D5



E43A49

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.



FFB19D



3AE4D5



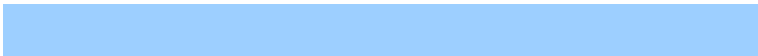
FFB1F1

Square

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



3AE4D5



9DCFFF



FFACC6



E0CE77

Rectangle

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



3AE4D5



27DEFF



FFACC6



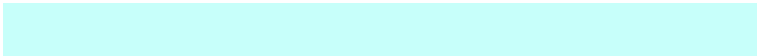
FFBA88

Sweetspot

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



3AE4D5



C7FFFA



4BE43A



5E807D



000000



808080

Same Dimension

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



3AE4D5



1CFFEB



3AA0E4



677372



00B3A3



00332E

Inverse Universe

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



E43A49



FF1C30



E47E3A



736768



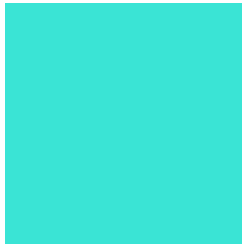
B30010



330005

Previews

White Background



This preview shows how the Hex color 3AE4D5 looks on a white background.

Color Contrast Check

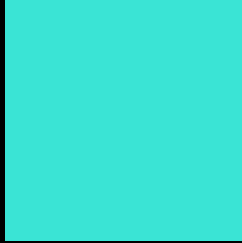
Large Text (above 18pt) WCAG AA × Fail

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 3AE4D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

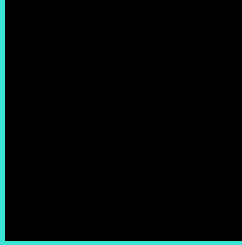
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

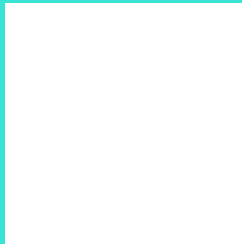
Any Text WCAG AAA ✓ Pass

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

Hex 3AE4D5 Background



This preview shows how black text looks on a background with the Hex color 3AE4D5.

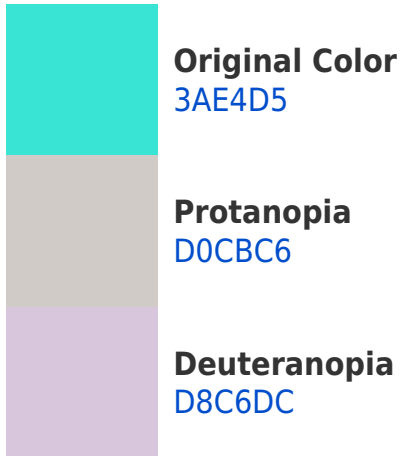


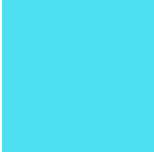
This preview shows how white text looks on a background with the Hex color 3AE4D5.

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
4CE0F2

Trichromacy



Original Color
3AE4D5



Protanomaly
99D4CB



Deuteranomaly
9FD1D9

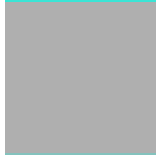


Tritanomaly
45E1E7

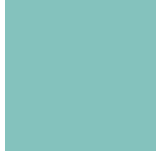
Monochromacy



Original Color
3AE4D5



Achromatopsia
AFAFAF



Achromatomaly
84C2BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AE4D5 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 #3AE4D5 looks like.

```
.text, #text, p{  
    color:#3AE4D5  
}
```

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 #3AE4D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AE4D5
}
```

Border

The CSS property to change the border of an element to Hex 3AE4D5 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
#3AE4D5 }
```

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

```
.border{ border-color:#3AE4D5 }
```

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

Here you see how a box with a 4 pixel #3AE4D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AE4D5; -webkit-box-shadow:4px 4px  
4px 4px #3AE4D5; box-shadow:4px 4px 4px  
4px #3AE4D5 }
```

Background

The CSS property to change the background color of an element to Hex 3AE4D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AE4D5 }
```

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

```
.background{ background-color:#3AE4D5 }
```

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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