

Converting Colors

Hex(5AD4E5)

Have a look what the booklet for
Hex(5AD4E5) contains.

Hex(5AD4E5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5AD4E5)

Conversions

Conversions Part 1

Format	Color
Hex	5AD4E5
RGB	90, 212, 229
RGB Percent	35%, 83%, 90%
CMY	0.6471, 0.1686, 0.1020
CMYK	0.61, 0.07, 0.00, 0.10
HSL	187°, 73%, 63%
HSV	187°, 61%, 90%
XYZ	41.9028, 54.9178, 82.5204
YIQ	177.4600, -78.1690, -20.5770

Conversions

Conversions Part 2

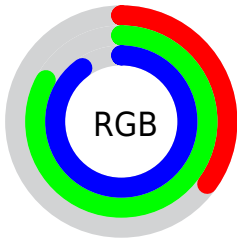
Format	Color
RYB	90, 155, 229
Decimal	5952741
CIELab	78.99, -28.91, -18.56
CIELCh	79, 34.359, 212.703
Yxy	54.9178, 0.2336, 0.3062
Android (android.graphics.Color)	4284142821 (0xFF5AD4E5)
YUV	177.4600, 25.4092, -76.7024
Hunter-Lab	74.1065, -28.7554, -14.1471

Details

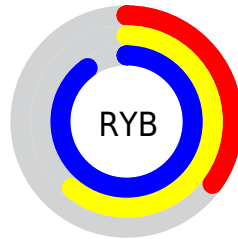
The Hex color **5AD4E5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E56B5A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **98FFFF**, and **009DAE** is the 20% darker color. If you saturate the color by 10%, you get **43D1E5**, and if you desaturate by 10%, it is **71D7E5**.

Distribution



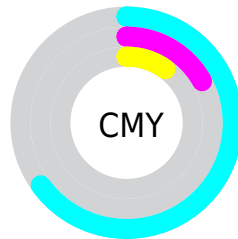
- Red (35%)
- Green (83%)
- Blue (90%)



- Red (35%)
- Yellow (61%)
- Blue (90%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (65%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD4E5 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 5AD4E5 by changing the saturation by 10% instead.

 5AD4E5

 5AD4E5

FFFFFF

 36B8C9

 98FFFF

 009DAE

 B7FFFF

 008393

 D5FFFF

 006979

 F4FFFF

 005160

 003949

 002432

 00021D

 000000

■ 5AD4E5

■ 5AD4E5

■ 43D1E5

■ 71D7E5

■ 2CCEE5

■ 88DAE5

■ 15CCE5

■ 9FDCE5

■ 00C9E5

■ B6DFE5

■ CCE2E5

■ E3E5E5

■ FAE8E5

■ FFEAE5

■ FFEDE5

Harmonies

Analogous

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



6CD5C5



5AD4E5



70CFFC

Triad

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



5AD4E5



EFB0E1



D7C384

Complementary

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



5AD4E5



E56B5A

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.



F2B88C



5AD4E5



FFACC2

Square

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



5AD4E5



CCBAF9



FFAFA3



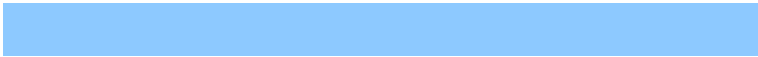
B5CC8D

Rectangle

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



5AD4E5



8DC9FF



FFAFA3



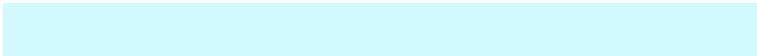
E1BF84

Sweetspot

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



5AD4E5



D1F9FF



5AE56A



637C80



000000



808080

Same Dimension

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



5AD4E5



45E8FF



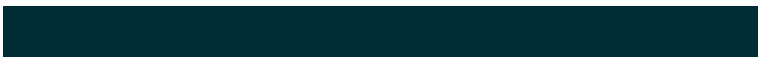
5A8FE5



677173



009DB3



002D33

Inverse Universe

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



E55AD4



FF45E8



E5B05A



736771



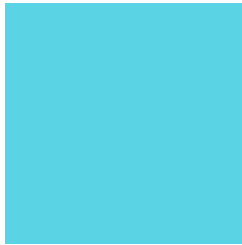
B3009D



33002D

Previews

White Background



This preview shows how the Hex color 5AD4E5 looks on a white background.

Color Contrast Check

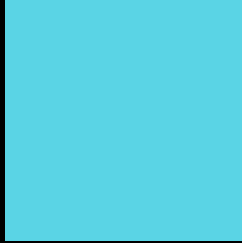
Large Text (above 18pt) WCAG AA × Fail

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 5AD4E5 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 5AD4E5 Background



This preview shows how black text looks on a background with the Hex color 5AD4E5.

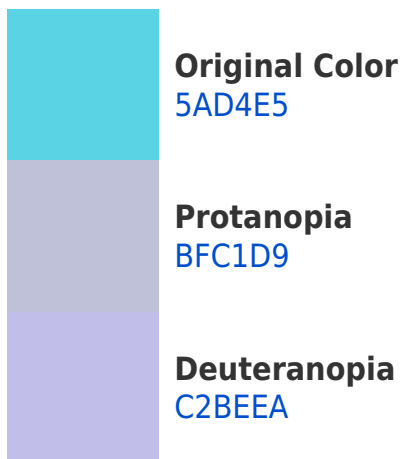


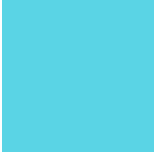
This preview shows how white text looks on a background with the Hex color 5AD4E5.

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](#).

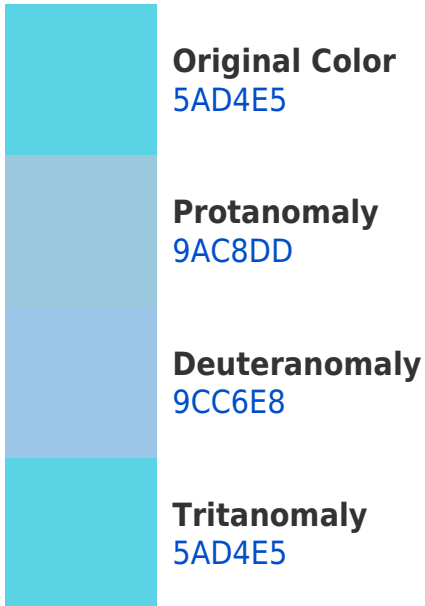
Dichromacy





Tritanopia
5AD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD4E5 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 #5AD4E5 looks like.

```
.text, #text, p{  
    color:#5AD4E5  
}
```

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 #5AD4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD4E5
}
```

Border

The CSS property to change the border of an element to Hex 5AD4E5 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
#5AD4E5 }
```

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

```
.border{ border-color:#5AD4E5 }
```

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

Here you see how a box with a 4 pixel #5AD4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD4E5; -webkit-box-shadow:4px 4px  
4px 4px #5AD4E5; box-shadow:4px 4px 4px  
4px #5AD4E5 }
```

Background

The CSS property to change the background color of an element to Hex 5AD4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD4E5 }
```

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

```
.background{ background-color:#5AD4E5 }
```

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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