

Converting Colors

Hex(58ADE1)

Have a look what the booklet for
Hex(58ADE1) contains.

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Color

Hex(58ADE1)

Conversions

Conversions Part 1

Format	Color
Hex	58ADE1
RGB	88, 173, 225
RGB Percent	35%, 68%, 88%
CMY	0.6549, 0.3216, 0.1176
CMYK	0.61, 0.23, 0.00, 0.12
HSL	203°, 70%, 61%
HSV	203°, 61%, 88%
XYZ	32.5587, 37.3981, 76.7367
YIQ	153.5130, -67.3520, -1.8480

Conversions

Conversions Part 2

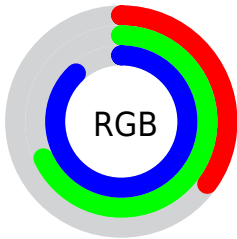
Format	Color
R _Y B	88, 140, 225
Decimal	5811681
CIE Lab	67.57, -10.39, -33.89
CIE LCh	68, 35.445, 252.959
Yxy	37.3981, 0.2220, 0.2549
Android (android.graphics.Color)	4284001761 (0xFF58ADE1)
YUV	153.5130, 35.2431, -57.4549
Hunter-Lab	61.1540, -11.9852, -31.5900

Details

The Hex color **58ADE1** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E18C58**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **94E4FF**, and **0079A9** is the 20% darker color. If you saturate the color by 10%, you get **42A4E1**, and if you desaturate by 10%, it is **6EB6E1**.

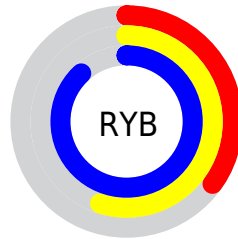
Distribution



Red (35%)

Green (68%)

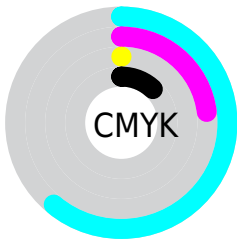
Blue (88%)



Red (35%)

Yellow (55%)

Blue (88%)

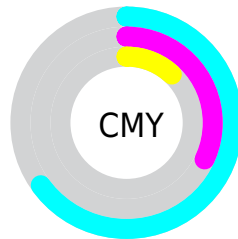


Cyan (61%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (32%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58ADE1 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 58ADE1 by changing the saturation by 10% instead.

■ 58ADE1

■ 58ADE1

FFFFFF

■ 3692C5

■ 94E4FF

■ 0079A9

■ B2FFFF

■ 00608F

■ D0FFFF

■ 004875

■ EEEFFF

■ 00325C

■ 001E44

■ 00032E

■ 000118

■ 000000

■ 58ADE1

■ 58ADE1

■ 42A4E1

■ 6EB6E1

■ 2B9CE1

■ 85BEE1

■ 1593E1

■ 9BC7E1

■ 008CE1

■ B2CFE1

■ C9D8E1

■ DFE0E1

■ F6E9E1

■ FFF1E1

■ FFFAE1

Harmonies

Analogous

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



29B3CF



58ADE1



8DA3E3

Triad

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



58ADE1



E38C98



89AF75

Complementary

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



58ADE1



E18C58

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.



ACA765



58ADE1



DE927A

Square

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



58ADE1



D88EB8



CA9C68



61B491

Rectangle

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



58ADE1



AD9BDA



CA9C68



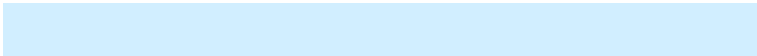
95AD6E

Sweetspot

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



58ADE1



D1EEFF



58E18A



637580



000000



808080

Same Dimension

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



58ADE1



45B8FF



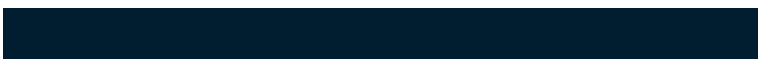
586AE1



656C70



006DB0



001E30

Inverse Universe

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



E158AD



FF45B8



E1CF58



70656C



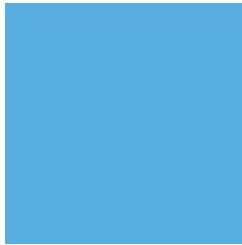
B0006D



30001E

Previews

White Background



This preview shows how the Hex color 58ADE1 looks on a white background.

Color Contrast Check

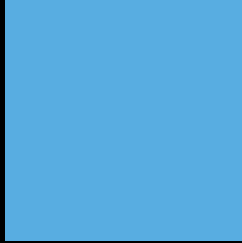
Large Text (above 18pt) WCAG AA × Fail

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 58ADE1 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

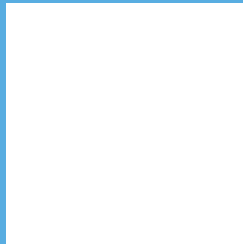
Any Text WCAG AAA ✓ Pass

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

Hex 58ADE1 Background



This preview shows how black text looks on a background with the Hex color 58ADE1.

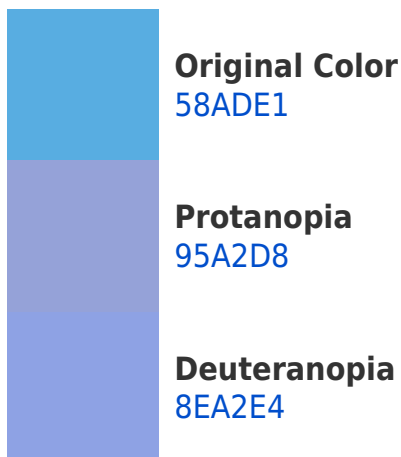


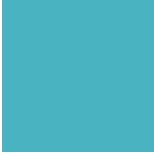
This preview shows how white text looks on a background with the Hex color 58ADE1.

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](#).

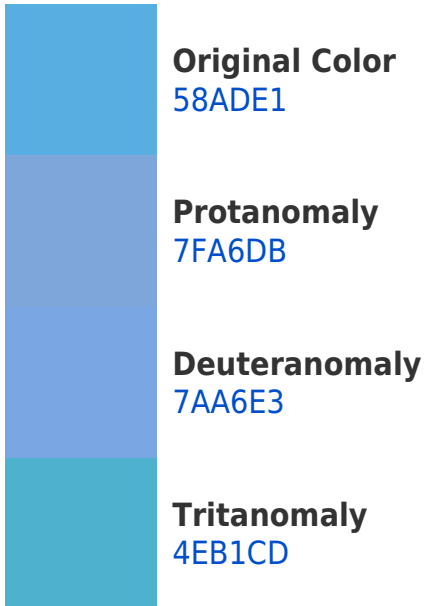
Dichromacy



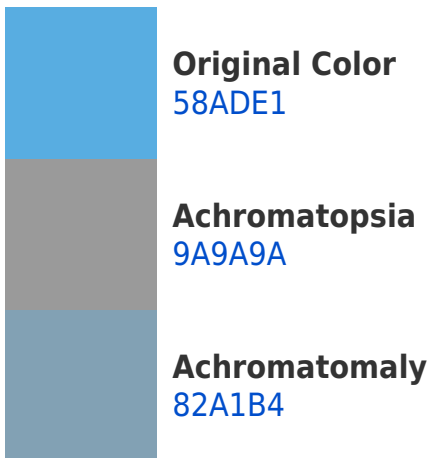


Tritanopia
49B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58ADE1 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 #58ADE1 looks like.

```
.text, #text, p{  
    color:#58ADE1  
}
```

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 #58ADE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58ADE1  
}
```

Border

The CSS property to change the border of an element to Hex 58ADE1 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  
#58ADE1 }
```

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

```
.border{ border-color:#58ADE1 }
```

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

Here you see how a box with a 4 pixel #58ADE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58ADE1; -webkit-box-shadow:4px 4px  
4px 4px #58ADE1; box-shadow:4px 4px 4px  
4px #58ADE1 }
```

Background

The CSS property to change the background color of an element to Hex 58ADE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58ADE1 }
```

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

```
.background{ background-color:#58ADE1 }
```

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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