

Converting Colors

Hex(5DA5CE)

Have a look what the booklet for
Hex(5DA5CE) contains.

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Color

Hex(5DA5CE)

Conversions

Conversions Part 1

Format	Color
Hex	5DA5CE
RGB	93, 165, 206
RGB Percent	36%, 65%, 81%
CMY	0.6353, 0.3529, 0.1922
CMYK	0.55, 0.20, 0.00, 0.19
HSL	202°, 54%, 59%
HSV	202°, 55%, 81%
XYZ	29.1099, 33.6937, 63.3618
YIQ	148.1460, -56.0730, -2.5130

Conversions

Conversions Part 2

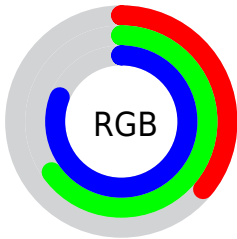
Format	Color
R_{YB}	93, 137, 206
Decimal	6137294
CIE _{Lab}	64.72, -10.89, -27.81
CIE _{LCh}	65, 29.863, 248.606
Yxy	33.6937, 0.2307, 0.2671
Android (android.graphics.Color)	4284327374 (0xFF5DA5CE)
YUV	148.1460, 28.5220, -48.3630
Hunter-Lab	58.0462, -12.0640, -24.0871

Details

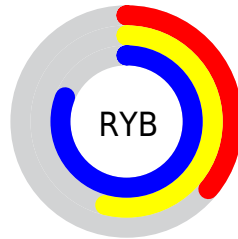
The Hex color **5DA5CE** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CE865D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **96DCFF**, and **1A7198** is the 20% darker color. If you saturate the color by 10%, you get **489ECE**, and if you desaturate by 10%, it is **72ACCE**.

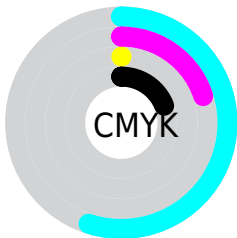
Distribution



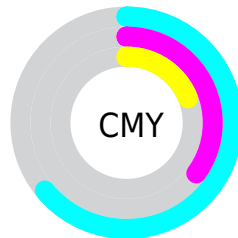
- Red (36%)
- Green (65%)
- Blue (81%)



- Red (36%)
- Yellow (54%)
- Blue (81%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA5CE 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 5DA5CE by changing the saturation by 10% instead.

■ 5DA5CE

■ 5DA5CE

FFFFFF

■ 3F8BB2

■ 96DCFF

■ 1A7198

■ B3F8FF

■ 00597E

■ D0FFFF

■ 004164

■ EEEFFF

■ 002B4C

■ 001835

■ 000220

■ 000004

■ 000000

■ 5DA5CE

■ 5DA5CE

■ 489ECE

■ 72ACCE

■ 3496CE

■ 86B4CE

■ 1F8FCE

■ 9BBBCE

■ 0B87CE

■ AFC3CE

■ 0083CE

■ C4CACE

■ D9D2CE

■ EDD9CE

■ FFE1CE

■ FFE8CE

Harmonies

Analogous

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



44AABD



5DA5CE



859DD1

Triad

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



5DA5CE



D28996



8BA573

Complementary

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



5DA5CE



CE865D

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.



A89E68



5DA5CE



CF8D7D

Square

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



5DA5CE



C58CB1



C0956C



6BAA89

Rectangle

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



5DA5CE



9F97CC



C0956C



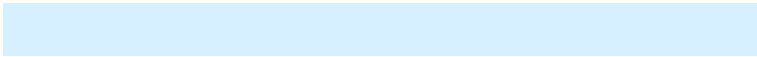
95A36D

Sweetspot

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



5DA5CE



D6F0FF



5DCE85



677780



000000



808080

Same Dimension

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



5DA5CE



57C2FF



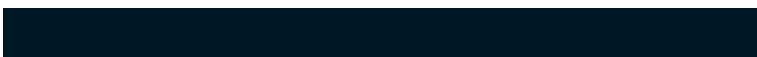
5D6ECE



5C6266



006AA6



001826

Inverse Universe

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



CE5DA5



FF57C2



CEBD5D



665C62



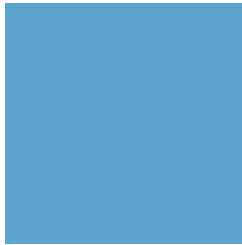
A6006A



260018

Previews

White Background



This preview shows how the Hex color 5DA5CE looks on a white background.

Color Contrast Check

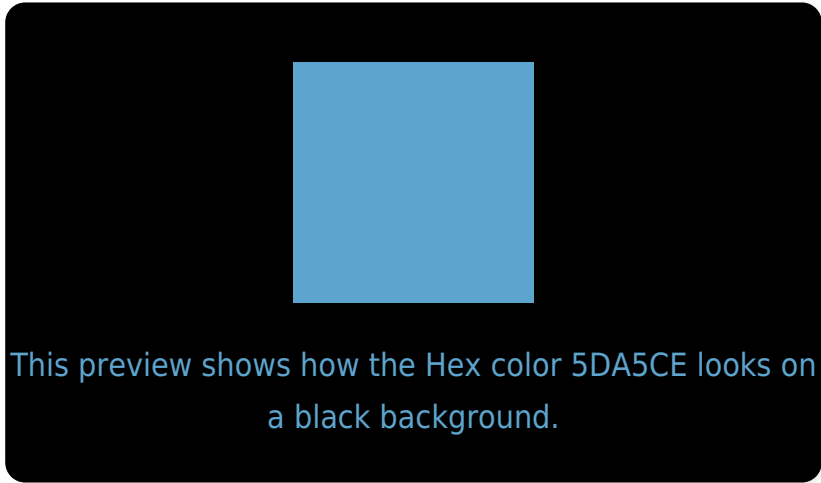
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5DA5CE Background



This preview shows how black text looks on a background with the Hex color 5DA5CE.

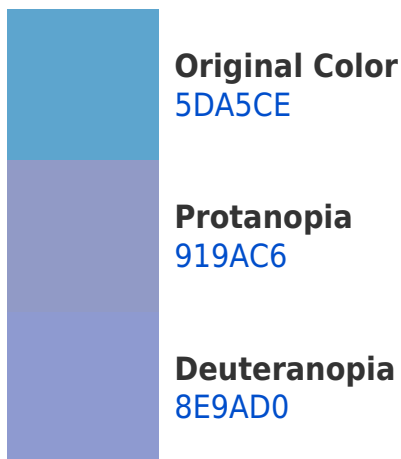


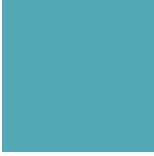
This preview shows how white text looks on a background with the Hex color 5DA5CE.

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](#).

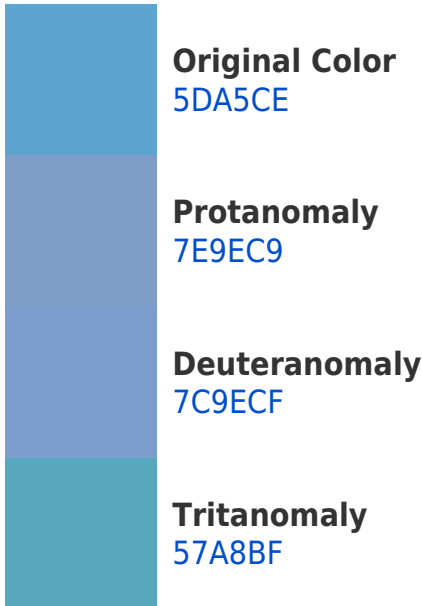
Dichromacy



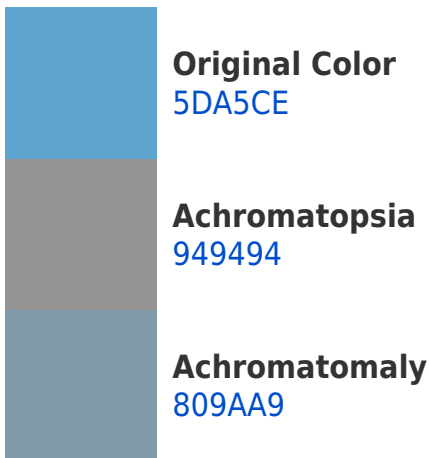


Tritanopia
54A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA5CE 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 #5DA5CE looks like.

```
.text, #text, p{  
    color:#5DA5CE  
}
```

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 #5DA5CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA5CE
}
```

Border

The CSS property to change the border of an element to Hex 5DA5CE 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
#5DA5CE }
```

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

```
.border{ border-color:#5DA5CE }
```

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

Here you see how a box with a 4 pixel #5DA5CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA5CE; -webkit-box-shadow:4px 4px  
4px 4px #5DA5CE; box-shadow:4px 4px 4px  
4px #5DA5CE }
```

Background

The CSS property to change the background color of an element to Hex 5DA5CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA5CE }
```

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

```
.background{ background-color:#5DA5CE }
```

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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