

Converting Colors

Hex(5DA6CA)

Have a look what the booklet for
Hex(5DA6CA) contains.

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Color

Hex(5DA6CA)

Conversions

Conversions Part 1

Format	Color
Hex	5DA6CA
RGB	93, 166, 202
RGB Percent	36%, 65%, 79%
CMY	0.6353, 0.3490, 0.2078
CMYK	0.54, 0.18, 0.00, 0.21
HSL	200°, 51%, 58%
HSV	200°, 54%, 79%
XYZ	28.8111, 33.8639, 60.8950
YIQ	148.2770, -55.0640, -4.2800

Conversions

Conversions Part 2

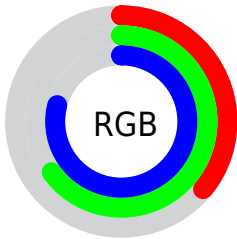
Format	Color
R _Y B	93, 137, 202
Decimal	6137546
CIE Lab	64.85, -12.64, -25.38
CIE LCh	65, 28.348, 243.529
Yxy	33.8639, 0.2332, 0.2740
Android (android.graphics.Color)	4284327626 (0xFF5DA6CA)
YUV	148.2770, 26.4854, -48.4779
Hunter-Lab	58.1927, -13.4621, -21.3084

Details

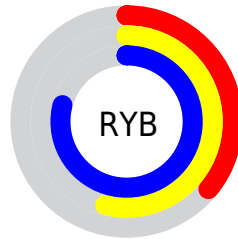
The Hex color **5DA6CA** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CA815D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **96DDFF**, and **1C7294** is the 20% darker color. If you saturate the color by 10%, you get **499FCA**, and if you desaturate by 10%, it is **71ADCA**.

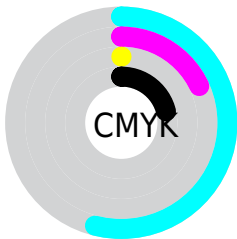
Distribution



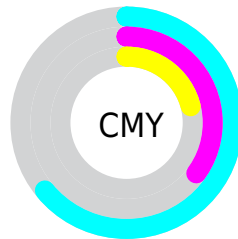
- Red (36%)
- Green (65%)
- Blue (79%)



- Red (36%)
- Yellow (54%)
- Blue (79%)



- Cyan (54%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA6CA 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 5DA6CA by changing the saturation by 10% instead.

■ 5DA6CA

■ 5DA6CA

FFFFFF

■ 3F8CAF

■ 96DDFF

■ 1C7294

■ B3FAFF

■ 005A7A

■ D0FFFF

■ 004261

■ EEEFFF

■ 002C49

■ 001832

■ 00021D

■ 000000

■ 5DA6CA

■ 5DA6CA

499FCA

71ADCA

3599CA

85B3CA

2092CA

9ABACA

0C8BCA

AEC1CA

0087CA

C2C7CA

D6CECA

EAD5CA

FFDBCA

FFE2CA

Harmonies

Analogous

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



4CAAB8



5DA6CA



819FD0

Triad

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



5DA6CA



CF8A9B



91A472

Complementary

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



5DA6CA



CA815D

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.



AC9D6B



5DA6CA



CF8D83

Square

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



5DA6CA



C08EB4



C29471



73A986

Rectangle

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



5DA6CA



9999CC



C29471



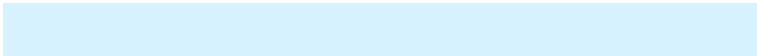
9AA26E

Sweetspot

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



5DA6CA



D6F2FF



5DCA80



677780



000000



808080

Same Dimension

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



5DA6CA



59C8FF



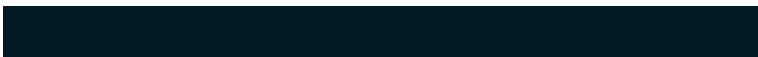
5D71CA



5C6366



006FA6



001A26

Inverse Universe

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



CA5DA6



FF59C8



CAB65D



665C63



A6006F



26001A

Previews

White Background



This preview shows how the Hex color 5DA6CA looks on a white background.

Color Contrast Check

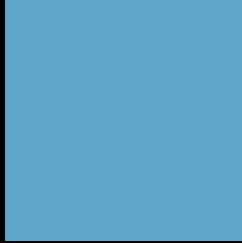
Large Text (above 18pt) WCAG AA × Fail

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 5DA6CA 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 5DA6CA Background



This preview shows how black text looks on a background with the Hex color 5DA6CA.

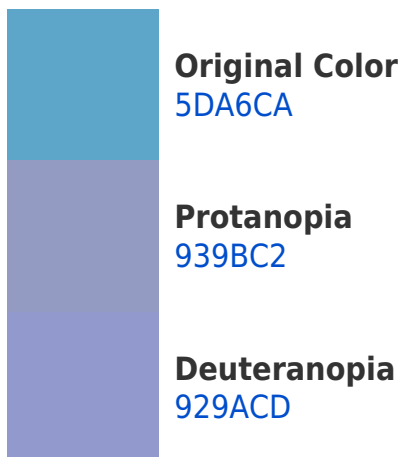


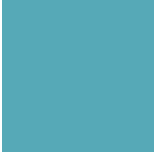
This preview shows how white text looks on a background with the Hex color 5DA6CA.

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](#).

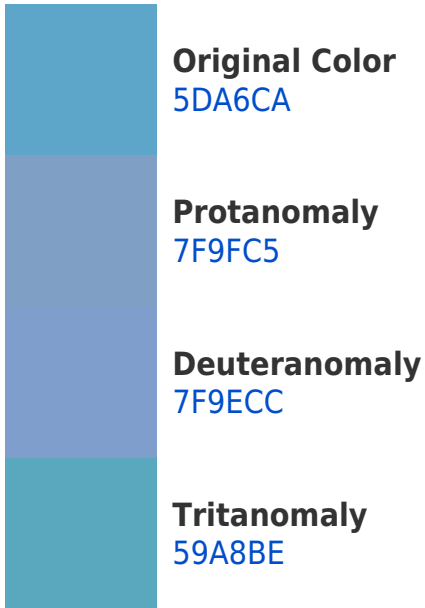
Dichromacy



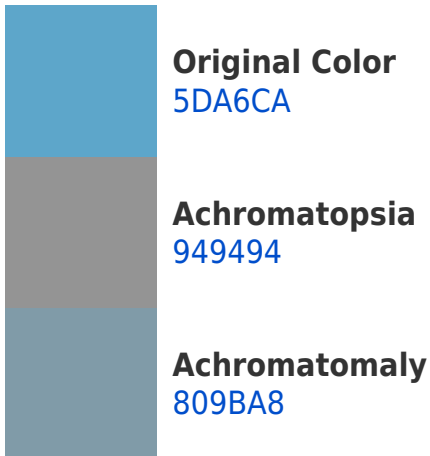


Tritanopia
56A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA6CA 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 #5DA6CA looks like.

```
.text, #text, p{  
    color:#5DA6CA  
}
```

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 #5DA6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA6CA
}
```

Border

The CSS property to change the border of an element to Hex 5DA6CA 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
#5DA6CA }
```

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

```
.border{ border-color:#5DA6CA }
```

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

Here you see how a box with a 4 pixel #5DA6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA6CA; -webkit-box-shadow:4px 4px  
4px 4px #5DA6CA; box-shadow:4px 4px 4px  
4px #5DA6CA }
```

Background

The CSS property to change the background color of an element to Hex 5DA6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA6CA }
```

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

```
.background{ background-color:#5DA6CA }
```

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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