

# Converting Colors

Hex(3DA5CA)

Have a look what the booklet for  
Hex(3DA5CA) contains.

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# **Color**

**Hex(3DA5CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DA5CA
RGB	61, 165, 202
RGB Percent	24%, 65%, 79%
CMY	0.7608, 0.3529, 0.2078
CMYK	0.70, 0.18, 0.00, 0.21
HSL	196°, 57%, 52%
HSV	196°, 70%, 79%
XYZ	26.0403, 32.1666, 60.7134
YIQ	138.1220, -73.8610, -10.5410

# Conversions

## Conversions Part 2

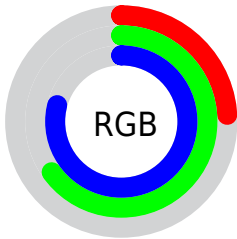
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 121, 202
Decimal	4040138
CIE <sub>Lab</sub>	63.48, -17.85, -27.58
CIE <sub>LCh</sub>	63, 32.850, 237.096
Yxy	32.1666, 0.2190, 0.2705
Android (android.graphics.Color)	4282230218 (0xFF3DA5CA)
YUV	138.1220, 31.4919, -67.6360
Hunter-Lab	56.7156, -17.2963, -23.7683

# Details

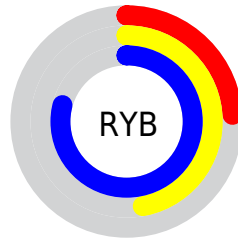
The Hex color **3DA5CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CA623D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7DDCFF**, and **007194** is the 20% darker color. If you saturate the color by 10%, you get **29A0CA**, and if you desaturate by 10%, it is **51AACA**.

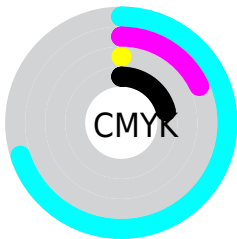
# Distribution



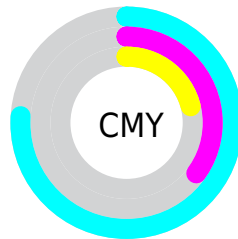
- Red (24%)
- Green (65%)
- Blue (79%)



- Red (24%)
- Yellow (47%)
- Blue (79%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (76%)
- Magenta (35%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DA5CA 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 3DA5CA by changing the saturation by 10% instead.



■ 3DA5CA

■ 3DA5CA

FFFFFF

■ 0A8BAF

■ 7DDCFF

■ 007194

■ 9BF9FF

■ 00587A

■ B9FFFF

■ 004161

■ D7FFFF

■ 002B49

■ F5FFFF

■ 001732

■ 00021D

■ 000000

■ 3DA5CA

■ 3DA5CA

■ 29A0CA

■ 51AACA

■ 159ACA

■ 65B0CA

■ 0095CA

■ 7AB5CA

■ 8EBACA

■ A2C0CA

■ B6C5CA

■ CACACA

■ DFCFCA

■ F3D5CA

# Harmonies

## Analogous

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



2CA9B3



3DA5CA



6C9DD4

# Triad

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



3DA5CA



D0839E



92A065

# Complementary

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



3DA5CA



CA623D

# 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.



B0975F



3DA5CA



D38581

# Square

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



3DA5CA



BC89BA



C78D6A



70A679

# Rectangle

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



3DA5CA



8B97D1



C78D6A



9D9D61

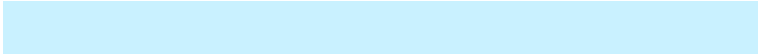


# Sweetspot

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



3DA5CA



C9F1FF



3DCA60



607780



000000



808080



# Same Dimension

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



3DA5CA



29C7FF



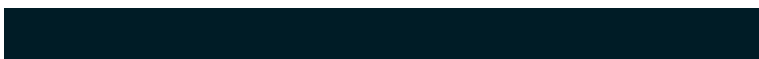
3D60CA



5C6366



007AA6



001C26



# Inverse Universe

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



CA3DA5



FF29C7



CAA73D



665C63



A6007A



26001C



# Previews

## White Background



This preview shows how the Hex color 3DA5CA 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 3DA5CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

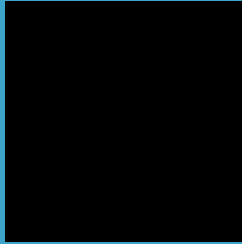
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DA5CA Background



This preview shows how black text looks on a background with the Hex color 3DA5CA.

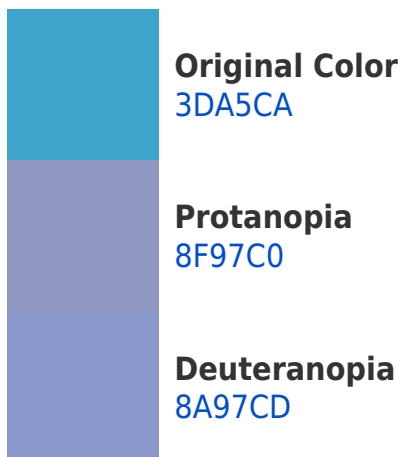


This preview shows how white text looks on a background with the Hex color 3DA5CA.

# 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](#).

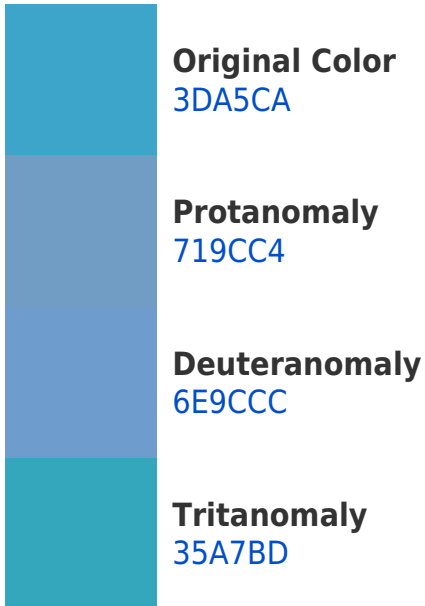
## Dichromacy



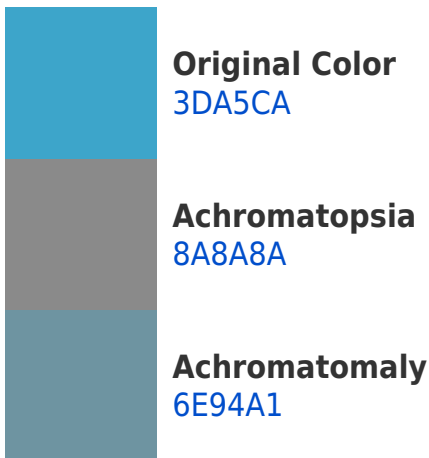


**Tritanopia**  
30A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DA5CA 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 #3DA5CA looks like.

```
.text, #text, p{  
    color:#3DA5CA  
}
```

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 #3DA5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA5CA
}
```

## Border

The CSS property to change the border of an element to Hex 3DA5CA 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
#3DA5CA }
```

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

```
.border{ border-color:#3DA5CA }
```

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

Here you see how a box with a 4 pixel #3DA5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA5CA; -webkit-box-shadow:4px 4px  
4px 4px #3DA5CA; box-shadow:4px 4px 4px  
4px #3DA5CA }
```

# Background

The CSS property to change the background color of an element to Hex 3DA5CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA5CA }
```

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

```
.background{ background-color:#3DA5CA }
```

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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