

Converting Colors

Hex(3DA8CC)

Have a look what the booklet for
Hex(3DA8CC) contains.

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Color

Hex(3DA8CC)

Conversions

Conversions Part 1

Format	Color
Hex	3DA8CC
RGB	61, 168, 204
RGB Percent	24%, 66%, 80%
CMY	0.7608, 0.3412, 0.2000
CMYK	0.70, 0.18, 0.00, 0.20
HSL	195°, 58%, 52%
HSV	195°, 70%, 80%
XYZ	26.8262, 33.3570, 62.1514
YIQ	140.1110, -75.3280, -11.4880

Conversions

Conversions Part 2

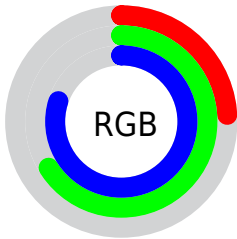
Format	Color
RYB	61, 122, 204
Decimal	4040908
CIELab	64.45, -18.79, -27.20
CIELCh	64, 33.057, 235.369
Yxy	33.3570, 0.2193, 0.2727
Android (android.graphics.Color)	4282230988 (0xFF3DA8CC)
YUV	140.1110, 31.4973, -69.3803
Hunter-Lab	57.7555, -18.1628, -23.3738

Details

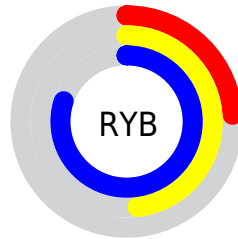
The Hex color **3DA8CC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CC613D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7DDFFF**, and **007496** is the 20% darker color. If you saturate the color by 10%, you get **29A3CC**, and if you desaturate by 10%, it is **51ADCC**.

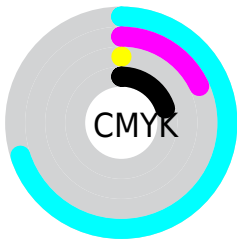
Distribution



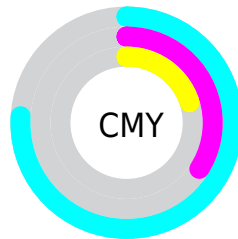
- Red (24%)
- Green (66%)
- Blue (80%)



- Red (24%)
- Yellow (48%)
- Blue (80%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA8CC 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 3DA8CC by changing the saturation by 10% instead.

■ 3DA8CC

■ 3DA8CC

FFFFFF

■ 088DB0

■ 7DDFFF

■ 007496

■ 9BFCFF

■ 005B7C

■ B9FFFF

■ 004363

■ D7FFFF

■ 002D4B

■ F6FFFF

■ 001A34

■ 00021E

■ 000001

■ 000000

■ 3DA8CC

■ 3DA8CC

■ 29A3CC

■ 51ADCC

■ 149ECC

■ 66B2CC

■ 0099CC

■ 7AB7CC

■ 8FBDCC

■ A3C2CC

■ B7C7CC

■ CCCCCC

■ E0D1CC

■ F5D6CC

Harmonies

Analogous

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



2FACB5



3DA8CC



6BA1D7

Triad

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



3DA8CC



D286A2



96A266

Complementary

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



3DA8CC



CC613D

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.



B49961



3DA8CC



D68784

Square

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



3DA8CC



BD8CBE



CB8F6D



74A97A

Rectangle

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



3DA8CC



8B9AD5



CB8F6D



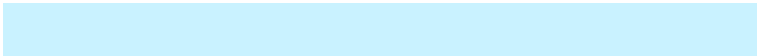
A19F63

Sweetspot

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



3DA8CC



C9F2FF



3DCC61



607780



000000



808080

Same Dimension

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



3DA8CC



29C9FF



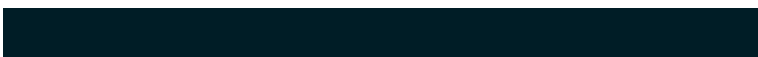
3D61CC



5C6366



007CA6



001D26

Inverse Universe

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



CC3DA8



FF29C9



CCA83D



665C63



A6007C



26001D

Previews

White Background



This preview shows how the Hex color 3DA8CC looks on a white background.

Color Contrast Check

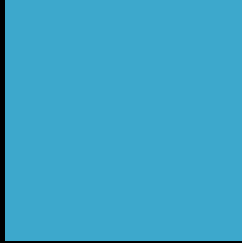
Large Text (above 18pt) WCAG AA × Fail

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 3DA8CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

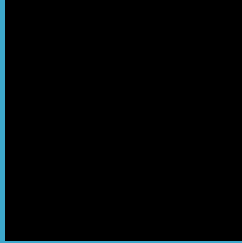
Any Text WCAG AA ✓ Pass

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 3DA8CC Background



This preview shows how black text looks on a background with the Hex color 3DA8CC.

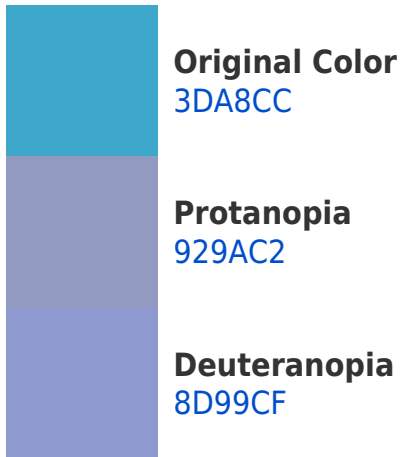


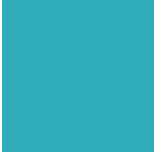
This preview shows how white text looks on a background with the Hex color 3DA8CC.

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](#).

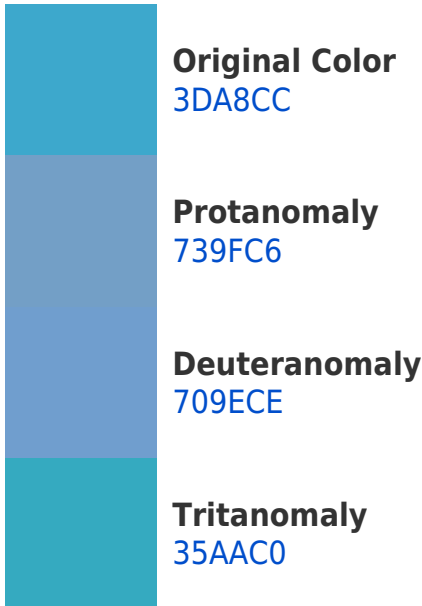
Dichromacy



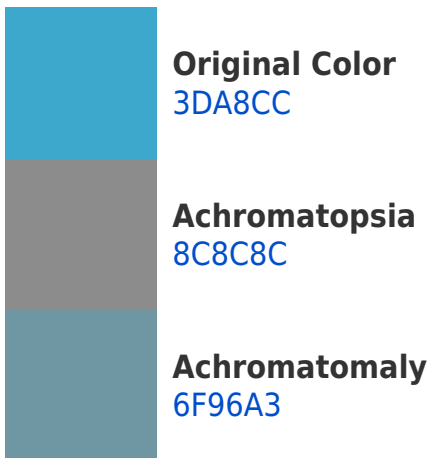


Tritanopia
30ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA8CC 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 #3DA8CC looks like.

```
.text, #text, p{  
    color:#3DA8CC  
}
```

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 #3DA8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA8CC
}
```

Border

The CSS property to change the border of an element to Hex 3DA8CC 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
#3DA8CC }
```

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

```
.border{ border-color:#3DA8CC }
```

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

Here you see how a box with a 4 pixel #3DA8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA8CC; -webkit-box-shadow:4px 4px  
4px 4px #3DA8CC; box-shadow:4px 4px 4px  
4px #3DA8CC }
```

Background

The CSS property to change the background color of an element to Hex 3DA8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA8CC }
```

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

```
.background{ background-color:#3DA8CC }
```

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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