

Converting Colors

Hex(3DA6C1)

Have a look what the booklet for
Hex(3DA6C1) contains.

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Color

Hex(3DA6C1)

Conversions

Conversions Part 1

Format	Color
Hex	3DA6C1
RGB	61, 166, 193
RGB Percent	24%, 65%, 76%
CMY	0.7608, 0.3490, 0.2431
CMYK	0.68, 0.14, 0.00, 0.24
HSL	192°, 52%, 50%
HSV	192°, 68%, 76%
XYZ	25.1863, 32.1148, 55.3234
YIQ	137.6830, -71.2470, -13.8630

Conversions

Conversions Part 2

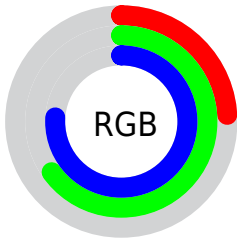
Format	Color
RYB	61, 119, 193
Decimal	4040385
CIELab	63.44, -21.25, -22.63
CIELCh	63, 31.044, 226.802
Yxy	32.1148, 0.2236, 0.2851
Android (android.graphics.Color)	4282230465 (0xFF3DA6C1)
YUV	137.6830, 27.2713, -67.2510
Hunter-Lab	56.6699, -19.8400, -18.2123

Details

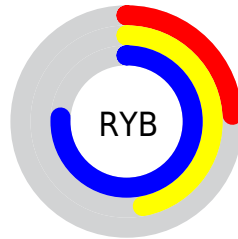
The Hex color **3DA6C1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C1583D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7CDDFA**, and **00728B** is the 20% darker color. If you saturate the color by 10%, you get **2AA2C1**, and if you desaturate by 10%, it is **50AAC1**.

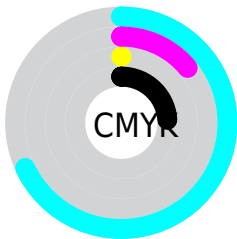
Distribution



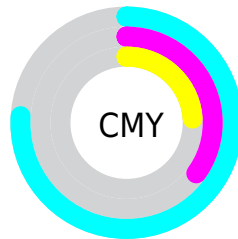
- Red (24%)
- Green (65%)
- Blue (76%)



- Red (24%)
- Yellow (47%)
- Blue (76%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA6C1 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 3DA6C1 by changing the saturation by 10% instead.

 3DA6C1

 3DA6C1

FFFFFF

 0E8CA6

 7CDDFA

 00728B

 9AFAFF

 005972

 B7FFFF

 004259

 D5FFFF

 002B42

 F3FFFF

 00162C

 000117

 000000

 3DA6C1

 3DA6C1

■ 2AA2C1

■ 50AAC1

■ 169EC1

■ 64AEC1

■ 039AC1

■ 77B2C1

■ 009AC1

■ 8AB6C1

■ 9EBAC1

■ B1BEC1

■ C4C2C1

■ D7C6C1

■ EBCAC1

Harmonies

Analogous

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



3EA9A9



3DA6C1



60A0CF

Triad

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



3DA6C1



C886A7



9D9D64

Complementary

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



3DA6C1



C1583D

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.



B79464



3DA6C1



D0858B

Square

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



3DA6C1



B08DC0



CA8B72



7EA473

Rectangle

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



3DA6C1



7E9AD0



CA8B72



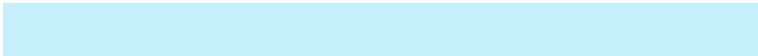
A69A62

Sweetspot

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



3DA6C1



C5E9FA



3DC157



5E777D



FCFCFC



7D7D7D

Same Dimension

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



3DA6C1



2DD0FA



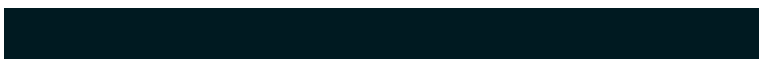
3D65C1



575F61



0080A1



001A21

Inverse Universe

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



C13DA6



FA2DD0



C1993D



61575F



A10080



21001A

Previews

White Background



This preview shows how the Hex color 3DA6C1 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 3DA6C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

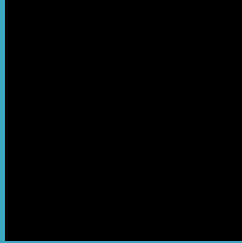
Any Text WCAG AA ✓ Pass

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 3DA6C1 Background



This preview shows how black text looks on a background with the Hex color 3DA6C1.

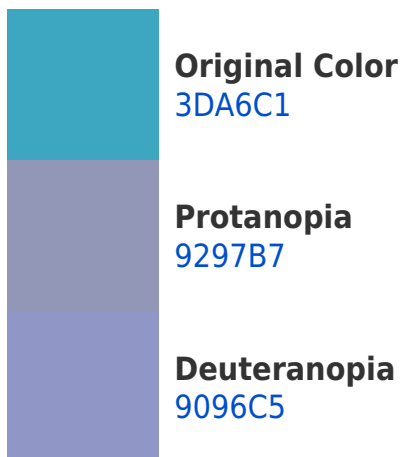


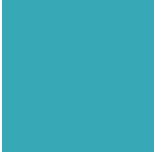
This preview shows how white text looks on a background with the Hex color 3DA6C1.

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](#).

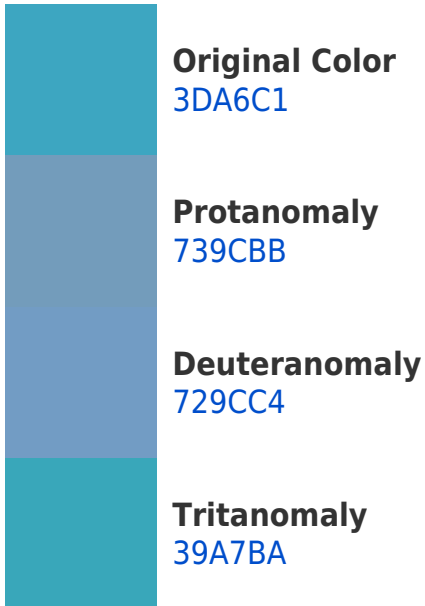
Dichromacy





Tritanopia
36A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA6C1 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 #3DA6C1 looks like.

```
.text, #text, p{  
    color:#3DA6C1  
}
```

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 #3DA6C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA6C1
}
```

Border

The CSS property to change the border of an element to Hex 3DA6C1 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
#3DA6C1 }
```

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

```
.border{ border-color:#3DA6C1 }
```

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

Here you see how a box with a 4 pixel #3DA6C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA6C1; -webkit-box-shadow:4px 4px  
4px 4px #3DA6C1; box-shadow:4px 4px 4px  
4px #3DA6C1 }
```

Background

The CSS property to change the background color of an element to Hex 3DA6C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA6C1 }
```

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

```
.background{ background-color:#3DA6C1 }
```

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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