

Converting Colors

Hex(3DA6B8)

Have a look what the booklet for
Hex(3DA6B8) contains.

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Color

Hex(3DA6B8)

Conversions

Conversions Part 1

Format	Color
Hex	3DA6B8
RGB	61, 166, 184
RGB Percent	24%, 65%, 72%
CMY	0.7608, 0.3490, 0.2784
CMYK	0.67, 0.10, 0.00, 0.28
HSL	189°, 50%, 48%
HSV	189°, 67%, 72%
XYZ	24.2124, 31.7252, 50.1949
YIQ	136.6570, -68.3580, -16.6620

Conversions

Conversions Part 2

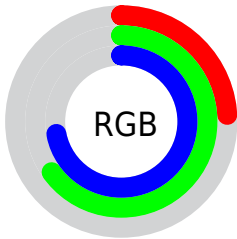
Format	Color
RYB	61, 118, 184
Decimal	4040376
CIELab	63.12, -24.05, -18.10
CIElCh	63, 30.101, 216.952
Yxy	31.7252, 0.2281, 0.2989
Android (android.graphics.Color)	4282230456 (0xFF3DA6B8)
YUV	136.6570, 23.3401, -66.3512
Hunter-Lab	56.3252, -21.8375, -13.4094

Details

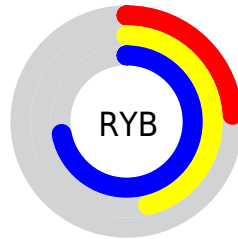
The Hex color **3DA6B8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B84F3D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7BDDF0**, and **007283** is the 20% darker color. If you saturate the color by 10%, you get **2BA3B8**, and if you desaturate by 10%, it is **4FA9B8**.

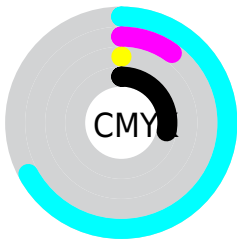
Distribution



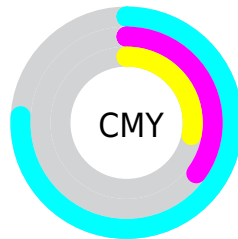
- Red (24%)
- Green (65%)
- Blue (72%)



- Red (24%)
- Yellow (46%)
- Blue (72%)



- Cyan (67%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)



- Cyan (76%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DA6B8 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 3DA6B8 by changing the saturation by 10% instead.

3DA6B8

3DA6B8

FFFFFF

118B9D

7BDDF0

007283

98FAFF

00596A

B6FFFF

004152

D3FFFF

002B3B

F1FFFF

001425

00010F

000000

3DA6B8

3DA6B8

■ 2BA3B8

■ 4FA9B8

■ 18A1B8

■ 62ABB8

■ 069EB8

■ 74AEB8

■ 009DB8

■ 87B1B8

■ 99B3B8

■ ABB6B8

■ BEB9B8

■ D0BCB8

■ E3BEB8

Harmonies

Analogous

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



4AA79E



3DA6B8



55A1C9

Triad

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



3DA6B8



C087AE



A59963

Complementary

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



3DA6B8



B84F3D

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.



BD9068



3DA6B8



CD8493

Square

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



3DA6B8



A490C4



CB887A



88A16D

Rectangle

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



3DA6B8



709CCE



CB887A



AE9663

Sweetspot

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



3DA6B8



C0E9F0



3DB84D



5B7478



F7F7F7



787878

Same Dimension

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



3DA6B8



30D4F0



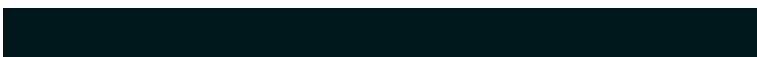
3D6AB8



535A5C



00859C



00181C

Inverse Universe

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



B83DA6



F030D4



B88B3D



5C535A



9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 3DA6B8 looks on a white background.

Color Contrast Check

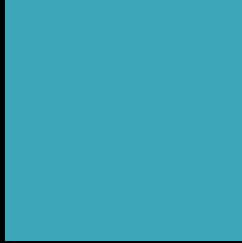
Large Text (above 18pt) WCAG AA × Fail

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 3DA6B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

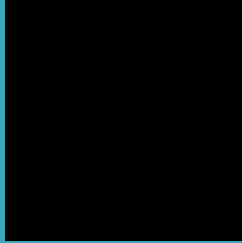
Any Text WCAG AA ✓ Pass

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 3DA6B8 Background



This preview shows how black text looks on a background with the Hex color 3DA6B8.

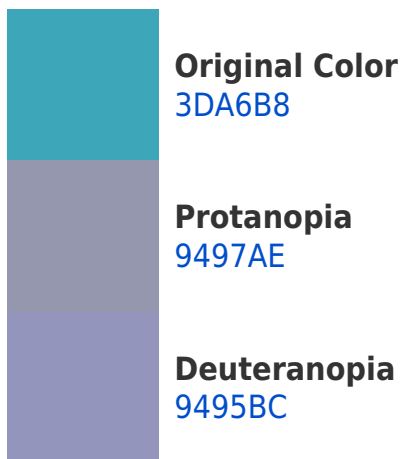


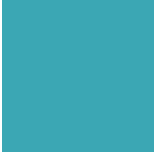
This preview shows how white text looks on a background with the Hex color 3DA6B8.

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
3BA7B4

Trichromacy



Original Color
3DA6B8



Protanomaly
749CB2



Deuteranomaly
749BBB



Tritanomaly
3CA7B5

Monochromacy



Original Color
3DA6B8



Achromatopsia
898989



Achromatomaly
6D949A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DA6B8 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 #3DA6B8 looks like.

```
.text, #text, p{  
    color:#3DA6B8  
}
```

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 #3DA6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA6B8
}
```

Border

The CSS property to change the border of an element to Hex 3DA6B8 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
#3DA6B8 }
```

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

```
.border{ border-color:#3DA6B8 }
```

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

Here you see how a box with a 4 pixel #3DA6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA6B8; -webkit-box-shadow:4px 4px  
4px 4px #3DA6B8; box-shadow:4px 4px 4px  
4px #3DA6B8 }
```

Background

The CSS property to change the background color of an element to Hex 3DA6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA6B8 }
```

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

```
.background{ background-color:#3DA6B8 }
```

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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