

Converting Colors

Hex(3A9DCB)

Have a look what the booklet for
Hex(3A9DCB) contains.

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Color

Hex(3A9DCB)

Conversions

Conversions Part 1

Format	Color
Hex	3A9DCB
RGB	58, 157, 203
RGB Percent	23%, 62%, 80%
CMY	0.7725, 0.3843, 0.2039
CMYK	0.71, 0.23, 0.00, 0.20
HSL	199°, 58%, 51%
HSV	199°, 71%, 80%
XYZ	24.5814, 29.3253, 60.8647
YIQ	132.6430, -73.7700, -6.6820

Conversions

Conversions Part 2

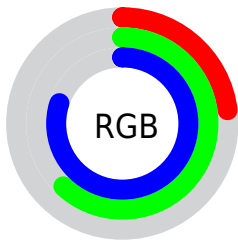
Format	Color
R_{YB}	58, 117, 203
Decimal	3841483
CIE _{Lab}	61.07, -13.63, -31.88
CIE _{LCh}	61, 34.668, 246.854
Yxy	29.3253, 0.2142, 0.2555
Android (android.graphics.Color)	4282031563 (0xFF3A9DCB)
YUV	132.6430, 34.6860, -65.4619
Hunter-Lab	54.1528, -13.7416, -28.7316

Details

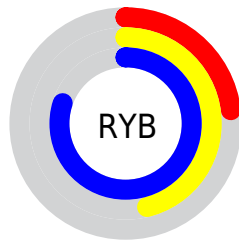
The Hex color **3A9DCB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CB683A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7BD4FF**, and **006A95** is the 20% darker color. If you saturate the color by 10%, you get **2697CB**, and if you desaturate by 10%, it is **4EA3CB**.

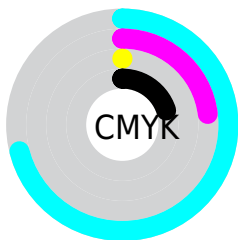
Distribution



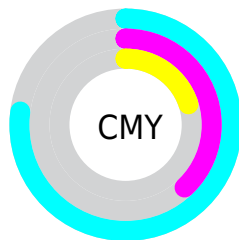
- Red (23%)
- Green (62%)
- Blue (80%)



- Red (23%)
- Yellow (46%)
- Blue (80%)



- Cyan (71%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (77%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9DCB 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 3A9DCB by changing the saturation by 10% instead.



3A9DCB



3A9DCB

FFFFFF



0083AF



7BD4FF



006A95



99F0FF



00527B



B6FFFF



003B62



D4FFFF



00254A



F3FFFF



000C33



00021D



000000



3A9DCB



3A9DCB

■ 2697CB

■ 4EA3CB

■ 1190CB

■ 63AACB

■ 008BCB

■ 77B0CB

■ 8BB7CB

■ A0BDCB

■ B4C4CB

■ C8CACB

■ DCD1CB

■ F1D7CB

Harmonies

Analogous

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



00A2B7



3A9DCB



7294D0

Triad

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



3A9DCB



CE7B8D



809C61

Complementary

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



3A9DCB



CB683A

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.



A19456



3A9DCB



CC8070

Square

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



3A9DCB



C07FAC



BB895C



5AA27A

Rectangle

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



3A9DCB



928DCA



BB895C



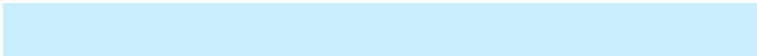
8B9A5C

Sweetspot

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



3A9DCB



C9EEFF



3ACB68



607580



000000



808080

Same Dimension

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



3A9DCB



24B9FF



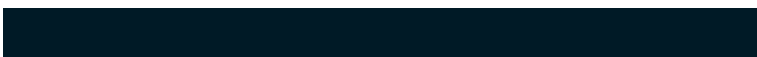
3A55CB



5C6366



0071A6



001A26

Inverse Universe

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



CB3A9D



FF24B9



CBB03A



665C63



A60071



26001A

Previews

White Background



This preview shows how the Hex color 3A9DCB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3A9DCB 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 × Fail

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

Hex 3A9DCB Background



This preview shows how black text looks on a background with the Hex color 3A9DCB.

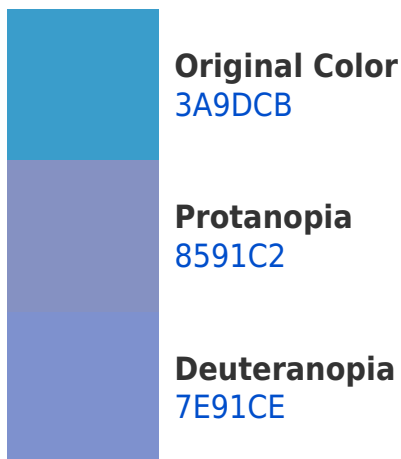


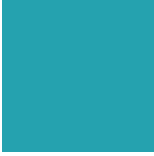
This preview shows how white text looks on a background with the Hex color 3A9DCB.

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](#).

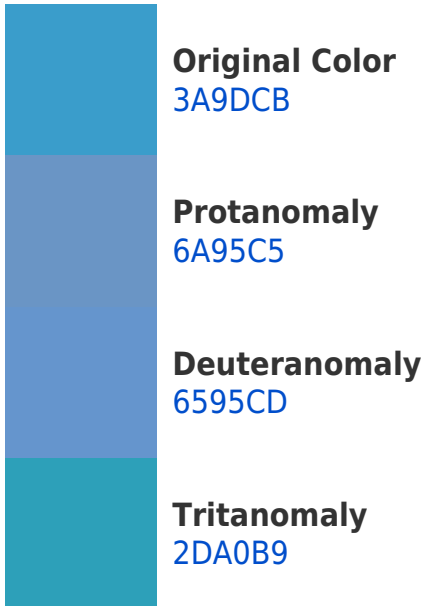
Dichromacy





Tritanopia
25A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9DCB 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 #3A9DCB looks like.

```
.text, #text, p{  
    color:#3A9DCB  
}
```

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 #3A9DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9DCB
}
```

Border

The CSS property to change the border of an element to Hex 3A9DCB 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
#3A9DCB }
```

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

```
.border{ border-color:#3A9DCB }
```

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

Here you see how a box with a 4 pixel #3A9DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9DCB; -webkit-box-shadow:4px 4px  
4px 4px #3A9DCB; box-shadow:4px 4px 4px  
4px #3A9DCB }
```

Background

The CSS property to change the background color of an element to Hex 3A9DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9DCB }
```

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

```
.background{ background-color:#3A9DCB }
```

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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