

Converting Colors

Hex(3AA5C4)

Have a look what the booklet for
Hex(3AA5C4) contains.

Hex(3AA5C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AA5C4)

Conversions

Conversions Part 1

Format	Color
Hex	3AA5C4
RGB	58, 165, 196
RGB Percent	23%, 65%, 77%
CMY	0.7725, 0.3529, 0.2314
CMYK	0.70, 0.16, 0.00, 0.23
HSL	193°, 54%, 50%
HSV	193°, 70%, 77%
XYZ	25.1639, 31.7953, 57.0354
YIQ	136.5410, -73.7230, -13.0430

Conversions

Conversions Part 2

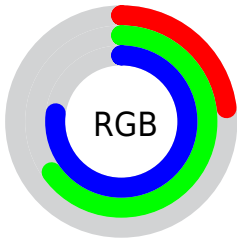
Format	Color
RYB	58, 118, 196
Decimal	3843524
CIELab	63.17, -20.21, -24.72
CIElCh	63, 31.925, 230.732
Yxy	31.7953, 0.2207, 0.2789
Android (android.graphics.Color)	4282033604 (0xFF3AA5C4)
YUV	136.5410, 29.3133, -68.8805
Hunter-Lab	56.3873, -19.0190, -20.5003

Details

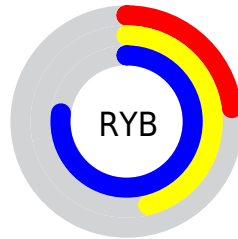
The Hex color **3AA5C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C4593A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7ADCFD**, and **00718E** is the 20% darker color. If you saturate the color by 10%, you get **26A1C4**, and if you desaturate by 10%, it is **4EA9C4**.

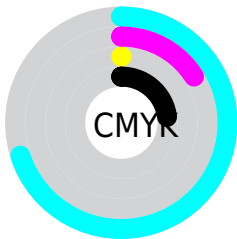
Distribution



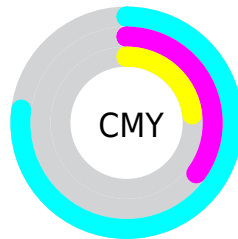
- Red (23%)
- Green (65%)
- Blue (77%)



- Red (23%)
- Yellow (46%)
- Blue (77%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA5C4 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 3AA5C4 by changing the saturation by 10% instead.



3AA5C4



3AA5C4

FFFFFF



028BA9



7ADCFD



00718E



98F9FF



005875



B6FFFF



00415C



D4FFFF



002A44



F2FFFF



00152E



000119



000000



3AA5C4



3AA5C4

■ 26A1C4

■ 4EA9C4

■ 139CC4

■ 61AEC4

■ 0098C4

■ 75B2C4

■ 88B7C4

■ 9CBBC4

■ B0BFC4

■ C3C4C4

■ D7C8C4

■ EACDC4

Harmonies

Analogous

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



35A8AC



3AA5C4



639ED0

Triad

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



3AA5C4



CB84A3



989D63

Complementary

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



3AA5C4



C4593A

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.



B49461



3AA5C4



D18486

Square

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



3AA5C4



B48BBD



C88B6E



77A474

Rectangle

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



3AA5C4



8298D0



C88B6E



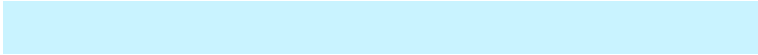
A29A61

Sweetspot

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



3AA5C4



C9F3FF



3AC458



607880



000000



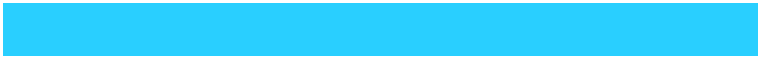
808080

Same Dimension

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



3AA5C4



29CFFF



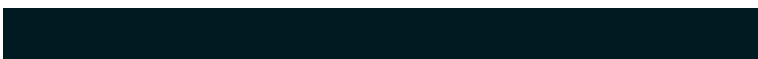
3A61C4



575F61



007DA1



001A21

Inverse Universe

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



C43AA5



FF29CF



C49D3A



61575F



A1007D



21001A

Previews

White Background



This preview shows how the Hex color 3AA5C4 looks on a white background.

Color Contrast Check

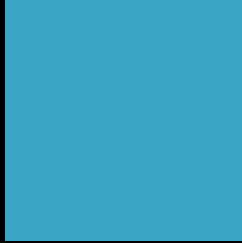
Large Text (above 18pt) WCAG AA × Fail

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 3AA5C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

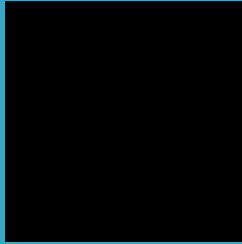
Any Text WCAG AA ✓ Pass

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 3AA5C4 Background



This preview shows how black text looks on a background with the Hex color 3AA5C4.

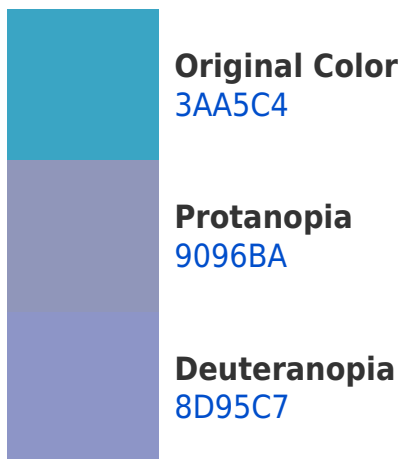


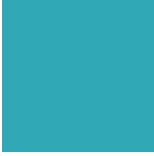
This preview shows how white text looks on a background with the Hex color 3AA5C4.

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](#).

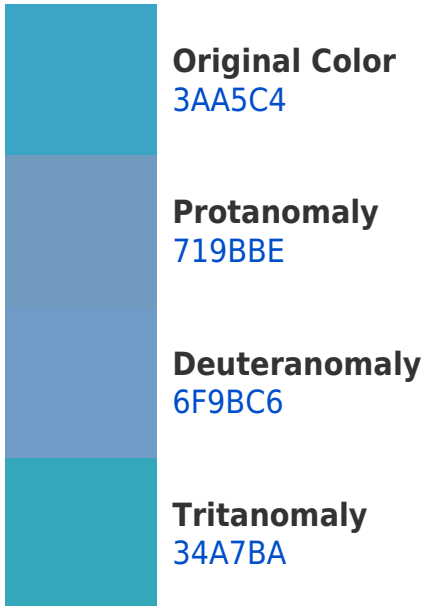
Dichromacy



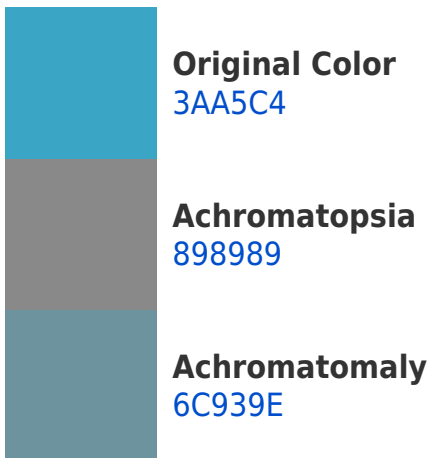


Tritanopia
30A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA5C4 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 #3AA5C4 looks like.

```
.text, #text, p{  
    color:#3AA5C4  
}
```

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 #3AA5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA5C4
}
```

Border

The CSS property to change the border of an element to Hex 3AA5C4 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
#3AA5C4 }
```

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

```
.border{ border-color:#3AA5C4 }
```

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

Here you see how a box with a 4 pixel #3AA5C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA5C4; -webkit-box-shadow:4px 4px  
4px 4px #3AA5C4; box-shadow:4px 4px 4px  
4px #3AA5C4 }
```

Background

The CSS property to change the background color of an element to Hex 3AA5C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA5C4 }
```

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

```
.background{ background-color:#3AA5C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor