

Converting Colors

Hex(3AABC5)

Have a look what the booklet for
Hex(3AABC5) contains.

Hex(3AABC5)	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(3AABC5)

Conversions

Conversions Part 1

Format	Color
Hex	3AABC5
RGB	58, 171, 197
RGB Percent	23%, 67%, 77%
CMY	0.7725, 0.3294, 0.2275
CMYK	0.71, 0.13, 0.00, 0.23
HSL	191°, 55%, 50%
HSV	191°, 71%, 77%
XYZ	26.3859, 34.0566, 58.0062
YIQ	140.1770, -75.6940, -15.8700

Conversions

Conversions Part 2

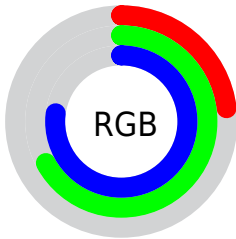
Format	Color
RYB	58, 120, 197
Decimal	3845061
CIELab	65.01, -23.00, -22.46
CIELCh	65, 32.148, 224.328
Yxy	34.0566, 0.2228, 0.2875
Android (android.graphics.Color)	4282035141 (0xFF3AABC5)
YUV	140.1770, 28.0137, -72.0692
Hunter-Lab	58.3580, -21.4199, -18.0820

Details

The Hex color **3AABC5** 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 **C5543A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7BE3FE**, and **00778F** is the 20% darker color. If you saturate the color by 10%, you get **26A7C5**, and if you desaturate by 10%, it is **4EAF C5**.

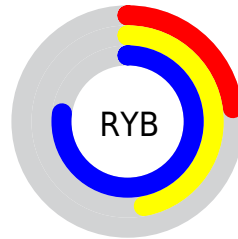
Distribution



Red (23%)

Green (67%)

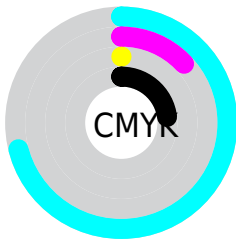
Blue (77%)



Red (23%)

Yellow (47%)

Blue (77%)

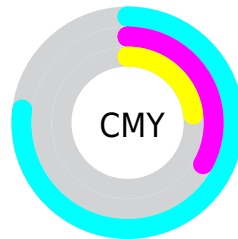


Cyan (71%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AABC5 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 3AABC5 by changing the saturation by 10% instead.

 3AABC5

 3AABC5

FFFFFF

 0090AA

 7BE3FE

 00778F

 99FFFF

 005E75

 B7FFFF

 00465D

 D5FFFF

 002F45

 F3FFFF

 001C2F

 00011A

 000000

 3AABC5

 3AABC5

■ 26A7C5

■ 4EAF C5

■ 13A4C5

■ 61B2C5

■ 00A0C5

■ 75B6C5

■ 89BAC5

■ 9DBDC5

■ B0C1C5

■ C4C5C5

■ D8C8C5

■ EBCCC5

Harmonies

Analogous

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



40ADAB



3AABC5



5EA5D4

Triad

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



3AABC5



CD8AAE



A3A065

Complementary

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



3AABC5



C5543A

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.



BF9767



3AABC5



D78891

Square

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



3AABC5



B391C7



D18D77



83A874

Rectangle

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



3AABC5



7D9FD7



D18D77



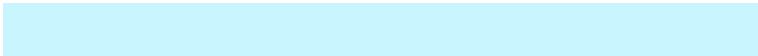
AD9D64

Sweetspot

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



3AABC5



C9F5FF



3AC553



607A80



000000



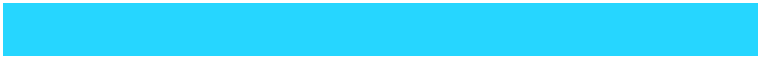
808080

Same Dimension

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



3AABC5



26D6FF



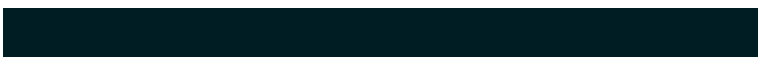
3A66C5



5A6263



0085A3



001D24

Inverse Universe

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



C53AAB



FF26D6



C5993A



635A62



A30085



24001D

Previews

White Background



This preview shows how the Hex color 3AABC5 looks on a white background.

Color Contrast Check

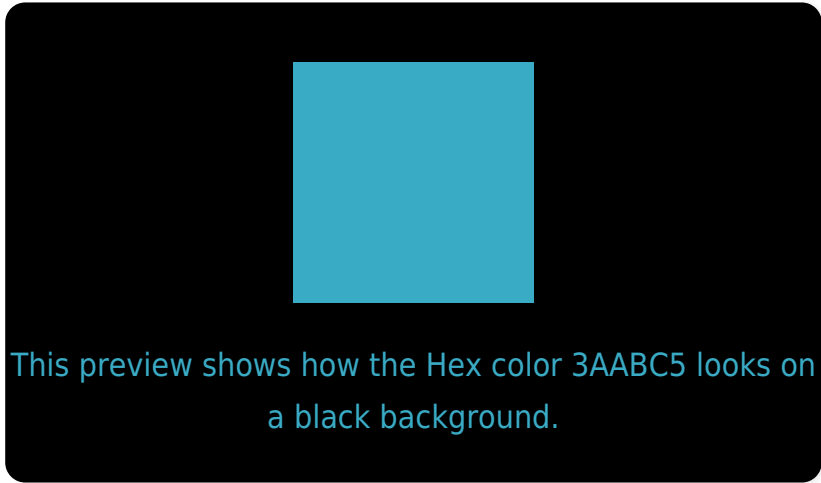
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

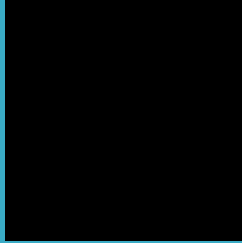
Any Text WCAG AA ✓ Pass

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 3AABC5 Background



This preview shows how black text looks on a background with the Hex color 3AABC5.

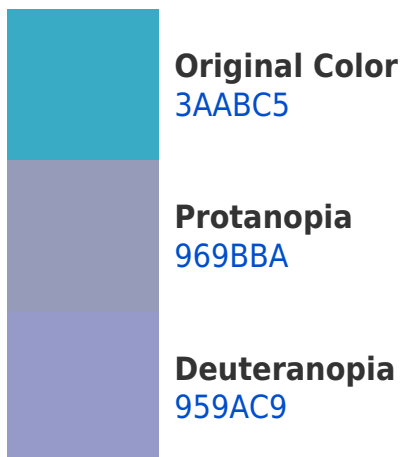


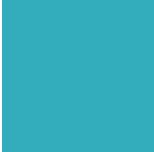
This preview shows how white text looks on a background with the Hex color 3AABC5.

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](#).

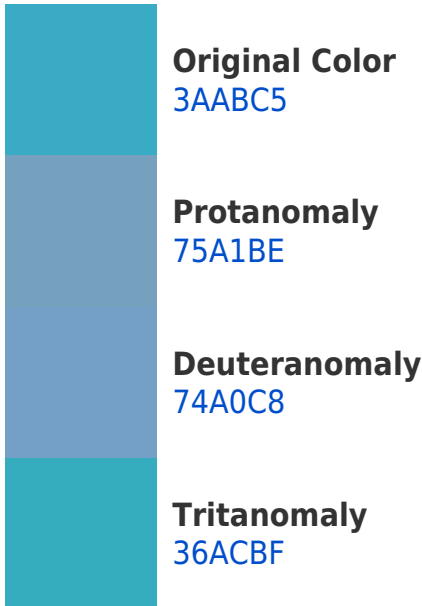
Dichromacy



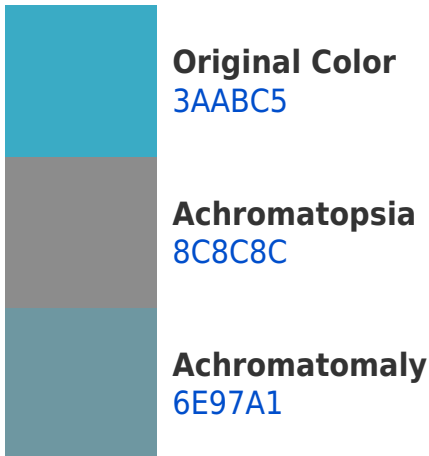


Tritanopia
33ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AABC5 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 #3AABC5 looks like.

```
.text, #text, p{  
    color:#3AABC5  
}
```

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 #3AABC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AABC5  
}
```

Border

The CSS property to change the border of an element to Hex 3AABC5 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  
#3AABC5 }
```

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

```
.border{ border-color:#3AABC5 }
```

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

Here you see how a box with a 4 pixel #3AABC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AABC5; -webkit-box-shadow:4px 4px  
4px 4px #3AABC5; box-shadow:4px 4px 4px  
4px #3AABC5 }
```

Background

The CSS property to change the background color of an element to Hex 3AABC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AABC5 }
```

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

```
.background{ background-color:#3AABC5 }
```

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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