

Converting Colors

Hex(3BA8E3)

Have a look what the booklet for
Hex(3BA8E3) contains.

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Color

Hex(3BA8E3)

Conversions

Conversions Part 1

Format	Color
Hex	3BA8E3
RGB	59, 168, 227
RGB Percent	23%, 66%, 89%
CMY	0.7686, 0.3412, 0.1098
CMYK	0.74, 0.26, 0.00, 0.11
HSL	201°, 75%, 56%
HSV	201°, 74%, 89%
XYZ	29.6714, 34.4811, 77.7647
YIQ	142.1350, -83.9030, -4.7590

Conversions

Conversions Part 2

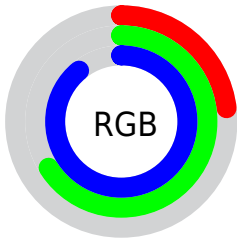
Format	Color
RYB	59, 125, 227
Decimal	3909859
CIELab	65.34, -11.43, -38.53
CIElCh	65, 40.188, 253.476
Yxy	34.4811, 0.2091, 0.2430
Android (android.graphics.Color)	4282099939 (0xFF3BA8E3)
YUV	142.1350, 41.8384, -72.9094
Hunter-Lab	58.7206, -12.5655, -37.4143

Details

The Hex color **3BA8E3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **E3763B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7FDFFF**, and **0074AB** is the 20% darker color. If you saturate the color by 10%, you get **24A0E3**, and if you desaturate by 10%, it is **52B0E3**.

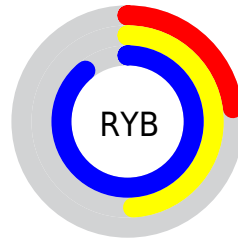
Distribution



Red (23%)

Green (66%)

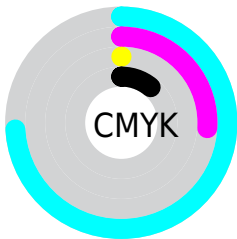
Blue (89%)



Red (23%)

Yellow (49%)

Blue (89%)

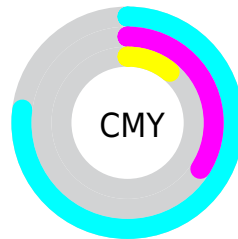


Cyan (74%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (77%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA8E3 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 3BA8E3 by changing the saturation by 10% instead.

 3BA8E3

 3BA8E3


FFFFFF

 008EC7

 7FDFFF

 0074AB

 9EFCFF

 005C91

 BDFFFF

 004477

 DBFFFF

 002E5E

 FAFFFF

 001B46

 00042F

 000119

 000000

■ 3BA8E3

■ 3BA8E3

■ 24A0E3

■ 52B0E3

■ 0E98E3

■ 68B8E3

■ 0093E3

■ 7FC0E3

■ 96C8E3

■ ADD0E3

■ C3D8E3

■ DAE0E3

■ F1E8E3

■ FFF0E3

Harmonies

Analogous

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



00AFCF



3BA8E3



839DE4

Triad

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



3BA8E3



E48290



7EAB69

Complementary

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



3BA8E3



E3763B

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.



A6A257



3BA8E3



DD896F

Square

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



3BA8E3



D884B4



C6965A



4DB089

Rectangle

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



3BA8E3



A894DB



C6965A



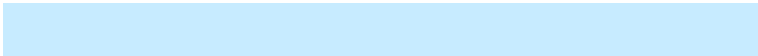
8CA861

Sweetspot

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



3BA8E3



C7EBFF



3BE376



5E7480



000000



808080

Same Dimension

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



3BA8E3



1CAFFF



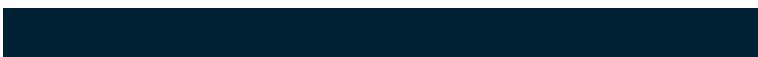
3B54E3



676F73



0074B3



002133

Inverse Universe

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



E33BA8



FF1CAF



E3CA3B



73676F



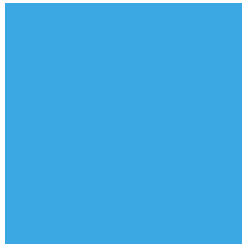
B30074



330021

Previews

White Background



This preview shows how the Hex color 3BA8E3 looks on a white background.

Color Contrast Check

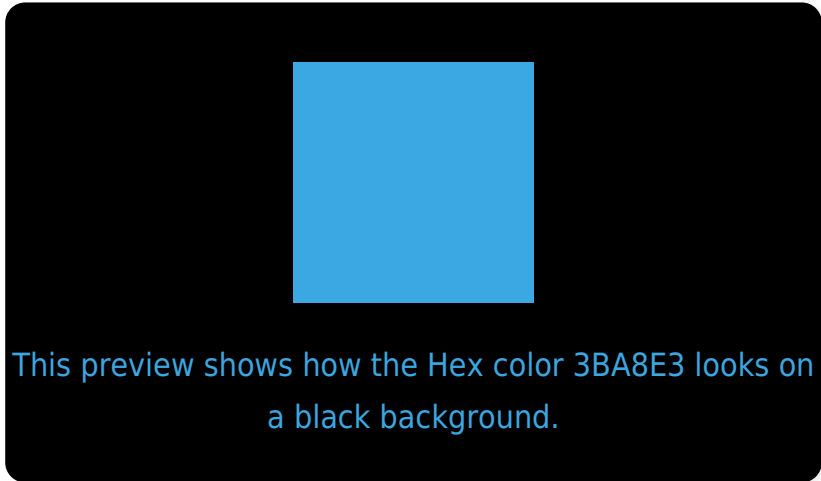
Large Text (above 18pt) WCAG AA × Fail

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

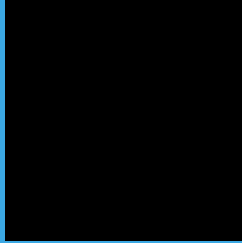
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

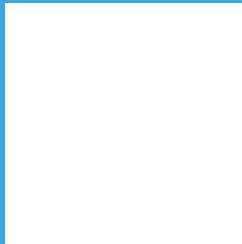
Any Text WCAG AAA ✓ Pass

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

Hex 3BA8E3 Background



This preview shows how black text looks on a background with the Hex color 3BA8E3.

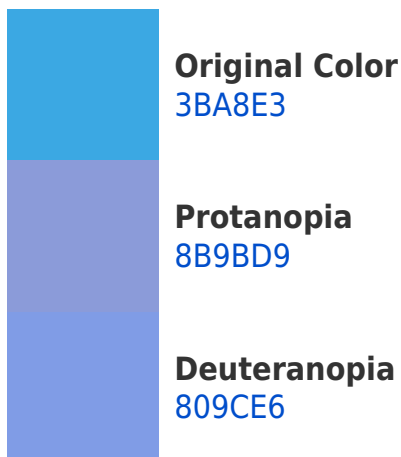


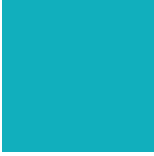
This preview shows how white text looks on a background with the Hex color 3BA8E3.

Color Blindness Simulation

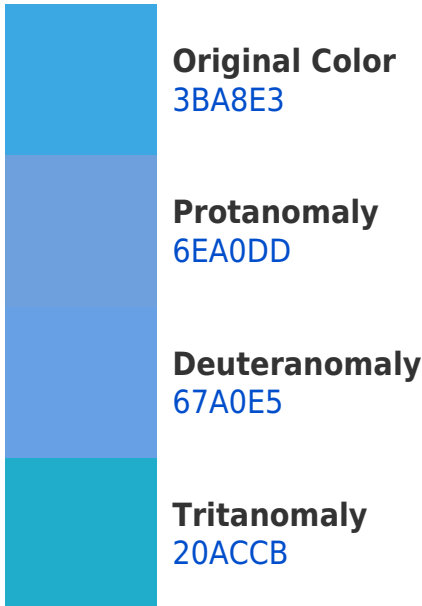
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

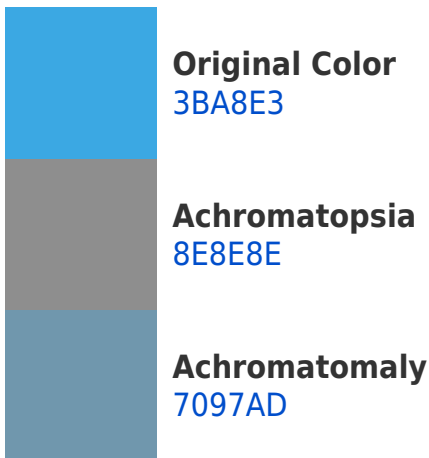




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA8E3 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 #3BA8E3 looks like.

```
.text, #text, p{  
    color:#3BA8E3  
}
```

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 #3BA8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA8E3
}
```

Border

The CSS property to change the border of an element to Hex 3BA8E3 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
#3BA8E3 }
```

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

```
.border{ border-color:#3BA8E3 }
```

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

Here you see how a box with a 4 pixel #3BA8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA8E3; -webkit-box-shadow:4px 4px  
4px 4px #3BA8E3; box-shadow:4px 4px 4px  
4px #3BA8E3 }
```

Background

The CSS property to change the background color of an element to Hex 3BA8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA8E3 }
```

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

```
.background{ background-color:#3BA8E3 }
```

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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