

Converting Colors

Hex(3A9EB7)

Have a look what the booklet for
Hex(3A9EB7) contains.

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Color

Hex(3A9EB7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3A9EB7 |
| RGB | 58, 158, 183 |
| RGB Percent | 23%, 62%, 72% |
| CMY | 0.7725, 0.3804, 0.2824 |
| CMYK | 0.68, 0.14, 0.00, 0.28 |
| HSL | 192°, 52%, 47% |
| HSV | 192°, 68%, 72% |
| XYZ | 22.5190, 28.7722, 49.1664 |
| YIQ | 130.9500, -67.6250, -13.4250 |

Conversions

Conversions Part 2

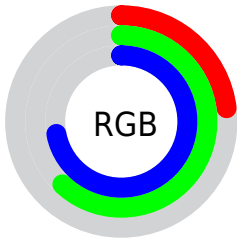
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 58, 114, 183 |
| Decimal | 3841719 |
| CIELab | 60.58, -20.70, -21.40 |
| CIElCh | 61, 29.773, 225.963 |
| Yxy | 28.7722, 0.2242, 0.2864 |
| Android (android.graphics.Color) | 4282031799 (0xFF3A9EB7) |
| YUV | 130.9500, 25.6607, -63.9771 |
| Hunter-Lab | 53.6397, -18.9315, -16.7978 |

Details

The Hex color **3A9EB7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B7533A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **78D5EF**, and **006A82** is the 20% darker color. If you saturate the color by 10%, you get **289AB7**, and if you desaturate by 10%, it is **4CA2B7**.

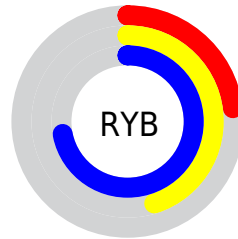
Distribution



Red (23%)

Green (62%)

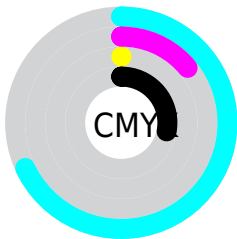
Blue (72%)



Red (23%)

Yellow (45%)

Blue (72%)

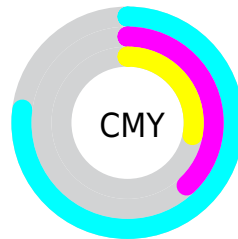


Cyan (68%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (77%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9EB7 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 3A9EB7 by changing the saturation by 10% instead.

 3A9EB7

 3A9EB7

FFFFFF

 0A849C

 78D5EF

 006A82

 95F1FF

 005269

 B3FFFF

 003B51

 D0FFFF

 002539

 EEEFFF

 000624

 00000C

 000000

 3A9EB7

 3A9EB7

■ 289AB7

■ 4CA2B7

■ 1597B7

■ 5FA5B7

■ 0393B7

■ 71A9B7

■ 0092B7

■ 83ADB7

■ 95B0B7

■ A8B4B7

■ BAB8B7

■ CCBBB7

■ DFBFB7

Harmonies

Analogous

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



3CA0A0



3A9EB7



5B98C4

Triad

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



3A9EB7



BE80A0



96955F

Complementary

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



3A9EB7



B7533A

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.



AF8C5F



3A9EB7



C67E85

Square

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



3A9EB7



A786B7



C0846D



789C6D

Rectangle

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



3A9EB7



7693C6



C0846D



9F925D

Sweetspot

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



3A9EB7



BEE4ED



3AB753



5B7278



F7F7F7



787878

Same Dimension

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



3A9EB7



2BC6ED



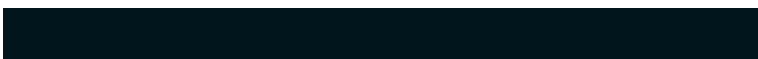
3A5FB7



535A5C



007C9C



00161C

Inverse Universe

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



B73A9E



ED2BC6



B7923A



5C535A



9C007C



1C0016

Previews

White Background



This preview shows how the Hex color 3A9EB7 looks on a white background.

Color Contrast Check

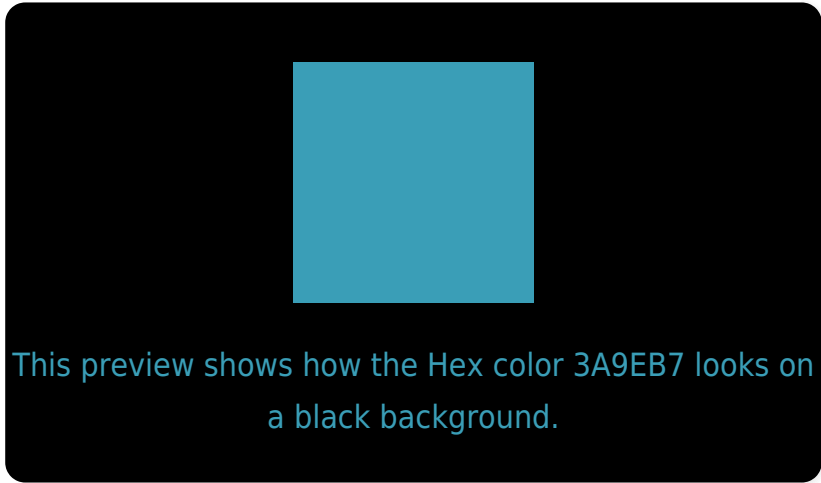
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

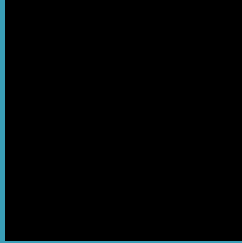
Any Text WCAG AA ✓ Pass

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 3A9EB7 Background



This preview shows how black text looks on a background with the Hex color 3A9EB7.

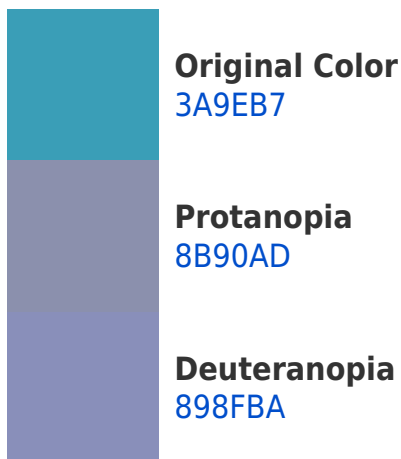


This preview shows how white text looks on a background with the Hex color 3A9EB7.

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](#).

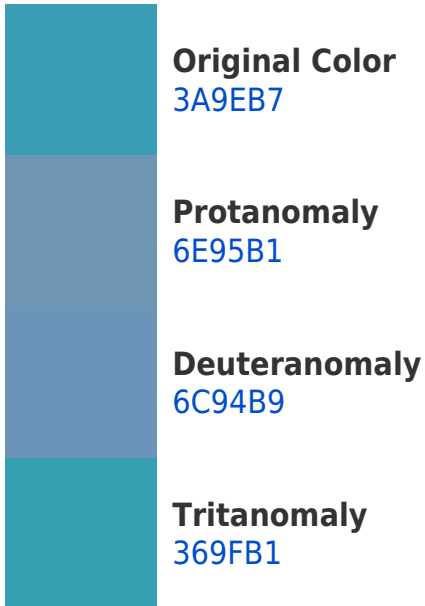
Dichromacy



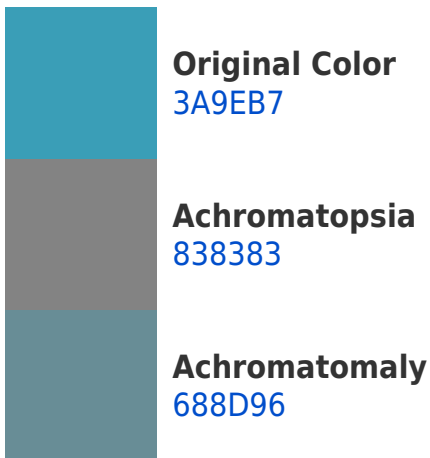


Tritanopia
34A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9EB7 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 #3A9EB7 looks like.

```
.text, #text, p{  
    color:#3A9EB7  
}
```

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 #3A9EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9EB7
}
```

Border

The CSS property to change the border of an element to Hex 3A9EB7 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
#3A9EB7 }
```

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

```
.border{ border-color:#3A9EB7 }
```

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

Here you see how a box with a 4 pixel #3A9EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9EB7; -webkit-box-shadow:4px 4px  
4px 4px #3A9EB7; box-shadow:4px 4px 4px  
4px #3A9EB7 }
```

Background

The CSS property to change the background color of an element to Hex 3A9EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9EB7 }
```

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

```
.background{ background-color:#3A9EB7 }
```

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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