

Converting Colors

Hex(3EA5B3)

Have a look what the booklet for
Hex(3EA5B3) contains.

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Color

Hex(3EA5B3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3EA5B3 |
| RGB | 62, 165, 179 |
| RGB Percent | 24%, 65%, 70% |
| CMY | 0.7569, 0.3529, 0.2980 |
| CMYK | 0.65, 0.08, 0.00, 0.30 |
| HSL | 187°, 49%, 47% |
| HSV | 187°, 65%, 70% |
| XYZ | 23.5784, 31.1891, 47.4252 |
| YIQ | 135.7990, -65.8820, -17.4820 |

Conversions

Conversions Part 2

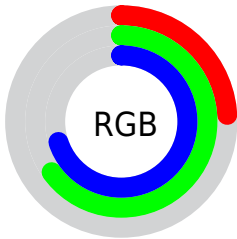
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 62, 117, 179 |
| Decimal | 4105651 |
| CIE Lab | 62.67, -24.91, -15.97 |
| CIE LCh | 63, 29.594, 212.664 |
| Yxy | 31.1891, 0.2307, 0.3052 |
| Android (android.graphics.Color) | 4282295731 (0xFF3EA5B3) |
| YUV | 135.7990, 21.2981, -64.7217 |
| Hunter-Lab | 55.8472, -22.3707, -11.2558 |

Details

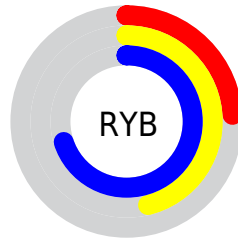
The Hex color **3EA5B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B34C3E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7BDCEB**, and **00717E** is the 20% darker color. If you saturate the color by 10%, you get **2CA3B3**, and if you desaturate by 10%, it is **50A7B3**.

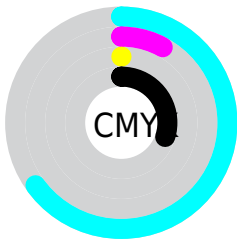
Distribution



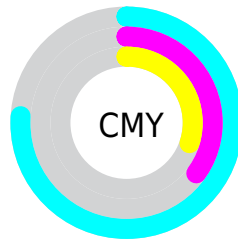
- Red (24%)
- Green (65%)
- Blue (70%)



- Red (24%)
- Yellow (46%)
- Blue (70%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (76%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA5B3 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 3EA5B3 by changing the saturation by 10% instead.



3EA5B3



3EA5B3

FFFFFF



158A98



7BDCEB



00717E



98F9FF



005865



B5FFFF



00404D



D3FFFF



002A37



F1FFFF



001221



000008



000000



3EA5B3



3EA5B3

■ 2CA3B3

■ 50A7B3

■ 1AA1B3

■ 62A9B3

■ 089FB3

■ 74ABB3

■ 009EB3

■ 86AEB3

■ 98B0B3

■ A9B2B3

■ BBB4B3

■ CDB6B3

■ DFB8B3

Harmonies

Analogous

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



4EA699



3EA5B3



51A1C6

Triad

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



3EA5B3



BB88B0



A79763

Complementary

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



3EA5B3



B34C3E

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.



BE8E6A



3EA5B3



CA8496

Square

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



3EA5B3



9E90C4



CA867C



8B9E6B

Rectangle

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



3EA5B3



6A9CCB



CA867C



B09464

Sweetspot

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



3EA5B3



BAE2E8



3EB34C



597275



F5F5F5



757575

Same Dimension

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



3EA5B3



33D2E8



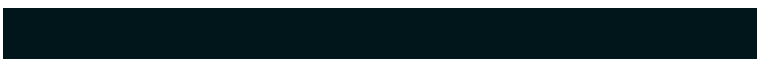
3E6BB3



505859



008799



00161A

Inverse Universe

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



B33EA5



E833D2



B3863E



595058



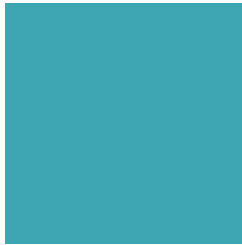
990087



1A0016

Previews

White Background



This preview shows how the Hex color 3EA5B3 looks on a white background.

Color Contrast Check

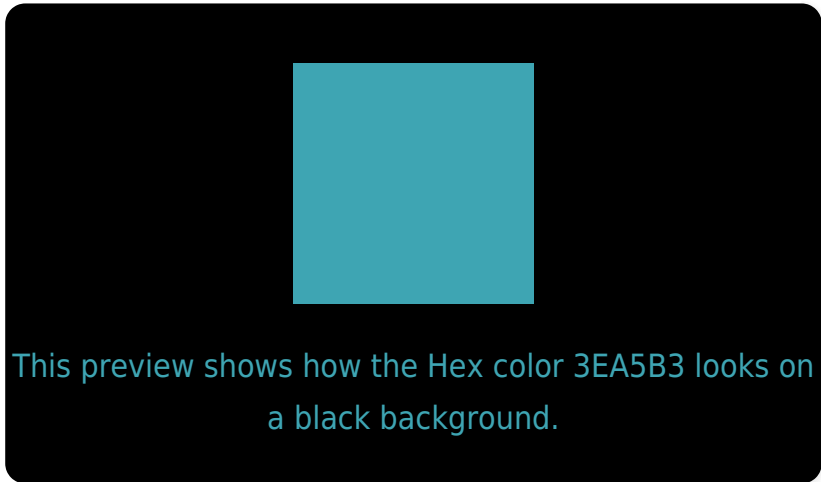
Large Text (above 18pt) WCAG AA × Fail

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

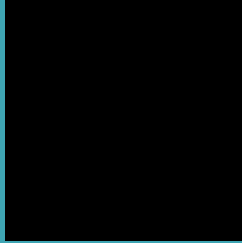
Any Text WCAG AA ✓ Pass

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 3EA5B3 Background



This preview shows how black text looks on a background with the Hex color 3EA5B3.

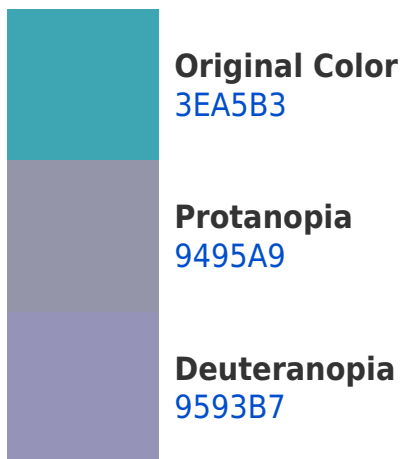


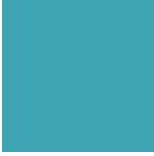
This preview shows how white text looks on a background with the Hex color 3EA5B3.

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](#).

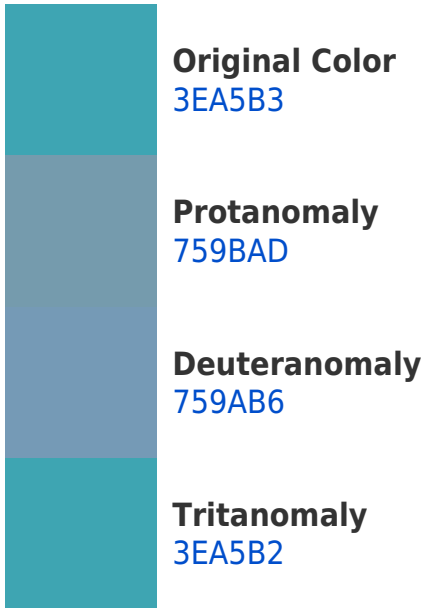
Dichromacy





Tritanopia
3EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA5B3 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 #3EA5B3 looks like.

```
.text, #text, p{  
    color:#3EA5B3  
}
```

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 #3EA5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA5B3
}
```

Border

The CSS property to change the border of an element to Hex 3EA5B3 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
#3EA5B3 }
```

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

```
.border{ border-color:#3EA5B3 }
```

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

Here you see how a box with a 4 pixel #3EA5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA5B3; -webkit-box-shadow:4px 4px  
4px 4px #3EA5B3; box-shadow:4px 4px 4px  
4px #3EA5B3 }
```

Background

The CSS property to change the background color of an element to Hex 3EA5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA5B3 }
```

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

```
.background{ background-color:#3EA5B3 }
```

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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