

Converting Colors

Hex(3EA3A0)

Have a look what the booklet for
Hex(3EA3A0) contains.

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Color

Hex(3EA3A0)

Conversions

Conversions Part 1

Format	Color
Hex	3EA3A0
RGB	62, 163, 160
RGB Percent	24%, 64%, 63%
CMY	0.7569, 0.3608, 0.3725
CMYK	0.62, 0.00, 0.02, 0.36
HSL	178°, 45%, 44%
HSV	178°, 62%, 64%
XYZ	21.4290, 29.7566, 37.8719
YIQ	132.4590, -59.2330, -22.3450

Conversions

Conversions Part 2

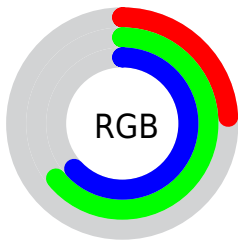
Format	Color
RYB	62, 113, 163
Decimal	4105120
CIELab	61.44, -29.49, -7.13
CIELCh	61, 30.343, 193.590
Yxy	29.7566, 0.2406, 0.3341
Android (android.graphics.Color)	4282295200 (0xFF3EA3A0)
YUV	132.4590, 13.5777, -61.7925
Hunter-Lab	54.5496, -25.3408, -2.9783

Details

The Hex color **3EA3A0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A33E41**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79DAD7**, and **006F6D** is the 20% darker color. If you saturate the color by 10%, you get **2EA3A0**, and if you desaturate by 10%, it is **4EA3A0**.

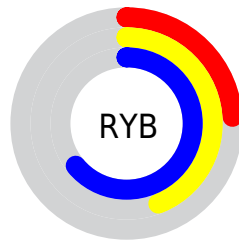
Distribution



Red (24%)

Green (64%)

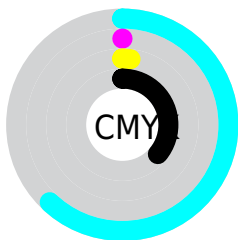
Blue (63%)



Red (24%)

Yellow (44%)

Blue (64%)

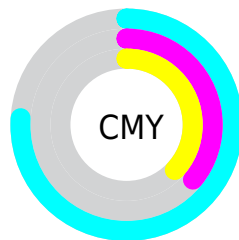


Cyan (62%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (76%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA3A0 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 3EA3A0 by changing the saturation by 10% instead.



3EA3A0



3EA3A0

FFFFFF



198886



79DAD7



006F6D



96F7F3



005654



B3FFFF



003E3D



D0FFFF



002828



EEFFFF



000B14



000000



3EA3A0



3EA3A0



2EA3A0



4EA3A0

■ 1DA39F

■ 5FA3A1

■ 0DA39F

■ 6FA3A1

■ 00A39E

■ 7FA3A2

■ 90A3A2

■ A0A3A3

■ B0A3A3

■ C0A3A4

■ D1A3A4

Harmonies

Analogous

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



5CA284



3EA3A0



38A1B8

Triad

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



3EA3A0



A789BB



B48E61

Complementary

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



3EA3A0



A33E41

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.



C58571



3EA3A0



C082A4

Square

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



3EA3A0



8393C8



C98089



9A9760

Rectangle

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



3EA3A0



4B9DC4



C98089



BA8B65

Sweetspot

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



3EA3A0



ABD4D2



41A33E



526B6A



EBEBEB



6B6B6B

Same Dimension

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



3EA3A0



37D4CF



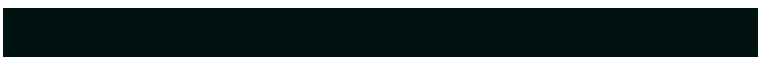
3E74A3



495251



00918D



001211

Inverse Universe

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



A33E41



D4373C



A36D3E



52494A



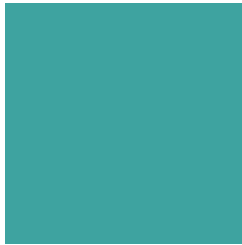
910004



120001

Previews

White Background



This preview shows how the Hex color 3EA3A0 looks on a white background.

Color Contrast Check

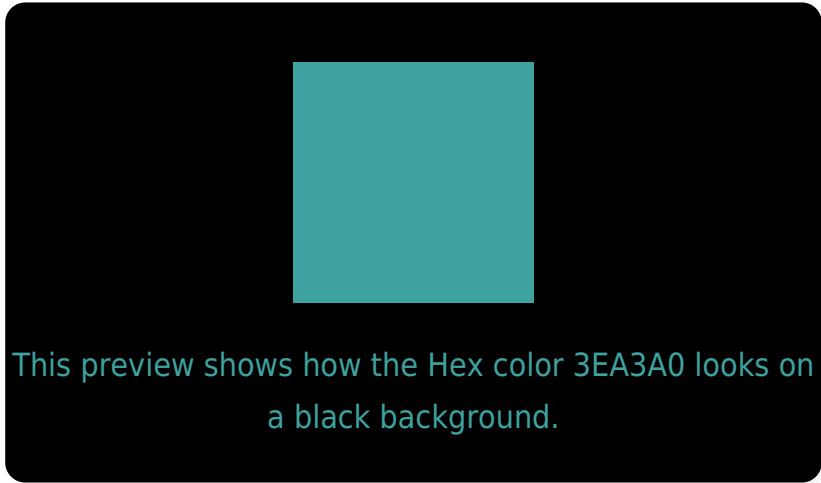
Large Text (above 18pt) WCAG AA ✓ Pass

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

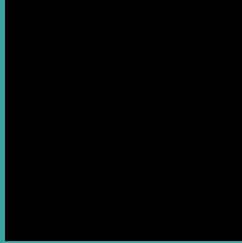
Any Text WCAG AA ✓ Pass

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 3EA3A0 Background



This preview shows how black text looks on a background with the Hex color 3EA3A0.

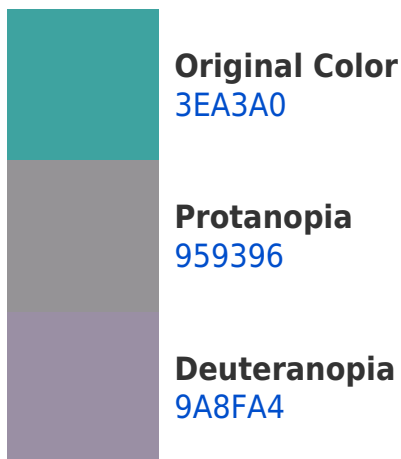


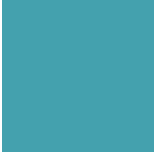
This preview shows how white text looks on a background with the Hex color 3EA3A0.

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
44A1AE

Trichromacy



Original Color
3EA3A0



Protanomaly
75999A



Deuteranomaly
7996A3



Tritanomaly
42A2A9

Monochromacy



Original Color
3EA3A0



Achromatopsia
848484



Achromatomaly
6B8F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA3A0 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 #3EA3A0 looks like.

```
.text, #text, p{  
    color:#3EA3A0  
}
```

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 #3EA3A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA3A0
}
```

Border

The CSS property to change the border of an element to Hex 3EA3A0 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
#3EA3A0 }
```

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

```
.border{ border-color:#3EA3A0 }
```

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

Here you see how a box with a 4 pixel #3EA3A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA3A0; -webkit-box-shadow:4px 4px  
4px 4px #3EA3A0; box-shadow:4px 4px 4px  
4px #3EA3A0 }
```

Background

The CSS property to change the background color of an element to Hex 3EA3A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA3A0 }
```

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

```
.background{ background-color:#3EA3A0 }
```

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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