

Converting Colors

Hex(3EA8C4)

Have a look what the booklet for
Hex(3EA8C4) contains.

Hex(3EA8C4)	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(3EA8C4)

Conversions

Conversions Part 1

Format	Color
Hex	3EA8C4
RGB	62, 168, 196
RGB Percent	24%, 66%, 77%
CMY	0.7569, 0.3412, 0.2314
CMYK	0.68, 0.14, 0.00, 0.23
HSL	193°, 53%, 51%
HSV	193°, 68%, 77%
XYZ	25.9530, 33.0149, 57.2292
YIQ	139.4980, -72.1640, -13.7640

Conversions

Conversions Part 2

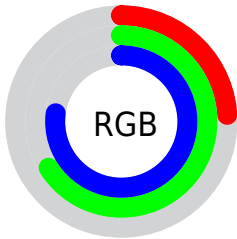
Format	Color
RYB	62, 121, 196
Decimal	4106436
CIELab	64.17, -21.19, -23.18
CIElCh	64, 31.405, 227.557
Yxy	33.0149, 0.2234, 0.2841
Android (android.graphics.Color)	4282296516 (0xFF3EA8C4)
YUV	139.4980, 27.8555, -67.9657
Hunter-Lab	57.4586, -19.9273, -18.8322

Details

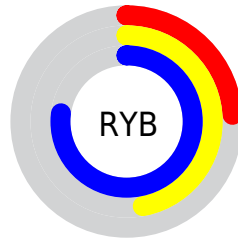
The Hex color **3EA8C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C45A3E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7DDFFD**, and **00748E** is the 20% darker color. If you saturate the color by 10%, you get **2AA4C4**, and if you desaturate by 10%, it is **52ACC4**.

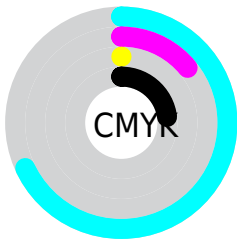
Distribution



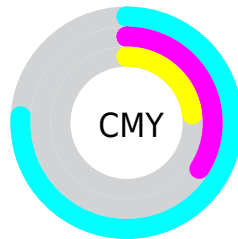
- Red (24%)
- Green (66%)
- Blue (77%)



- Red (24%)
- Yellow (47%)
- Blue (77%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA8C4 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 3EA8C4 by changing the saturation by 10% instead.

 3EA8C4

 3EA8C4


FFFFFF

 0F8DA9

 7DDFFD

 00748E

 9BFCFF

 005B75

 B9FFFF

 00435C

 D6FFFF

 002D44

 F5FFFF

 00192E

 000119

 000000

 3EA8C4

 3EA8C4

■ 2AA4C4

■ 52ACC4

■ 17A0C4

■ 65B0C4

■ 039CC4

■ 79B4C4

■ 009BC4

■ 8CB8C4

■ A0BCC4

■ B4C1C4

■ C7C5C4

■ DBC9C4

■ EECD C4

Harmonies

Analogous

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



3EABAB



3EA8C4



63A2D2

Triad

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



3EA8C4



CB87A8



9E9F65

Complementary

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



3EA8C4



C45A3E

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.



B99665



3EA8C4



D3878C

Square

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



3EA8C4



B38FC2



CC8D73



7EA675

Rectangle

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



3EA8C4



809CD3



CC8D73



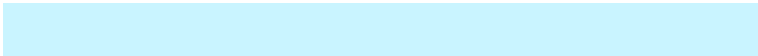
A89C64

Sweetspot

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



3EA8C4



C9F4FF



3EC459



607980



000000



808080

Same Dimension

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



3EA8C4



2ED3FF



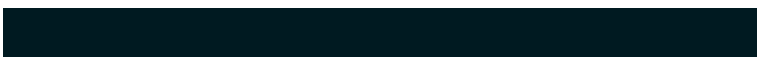
3E66C4



575F61



007FA1



001A21

Inverse Universe

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



C43EA8



FF2ED3



C49C3E



61575F



A1007F



21001A

Previews

White Background



This preview shows how the Hex color 3EA8C4 looks on a white background.

Color Contrast Check

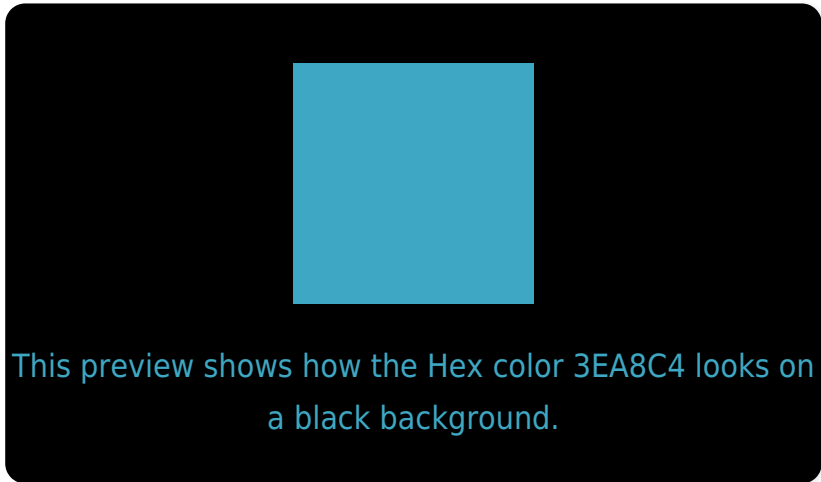
Large Text (above 18pt) WCAG AA × Fail

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 3EA8C4 Background



This preview shows how black text looks on a background with the Hex color 3EA8C4.



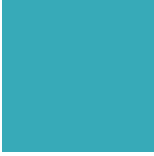
This preview shows how white text looks on a background with the Hex color 3EA8C4.

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](#).

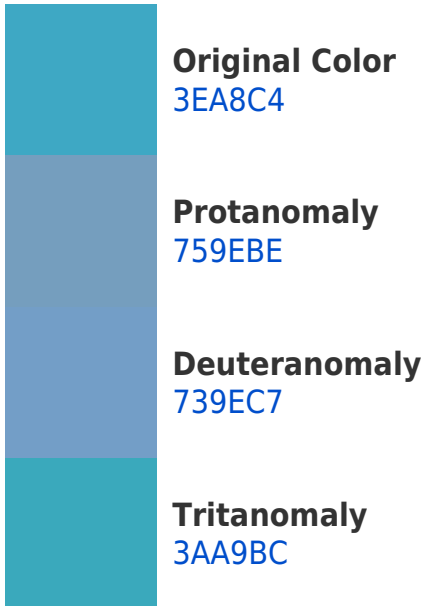
Dichromacy





Tritanopia
37AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA8C4 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 #3EA8C4 looks like.

```
.text, #text, p{  
    color:#3EA8C4  
}
```

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 #3EA8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA8C4
}
```

Border

The CSS property to change the border of an element to Hex 3EA8C4 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
#3EA8C4 }
```

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

```
.border{ border-color:#3EA8C4 }
```

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

Here you see how a box with a 4 pixel #3EA8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA8C4; -webkit-box-shadow:4px 4px  
4px 4px #3EA8C4; box-shadow:4px 4px 4px  
4px #3EA8C4 }
```

Background

The CSS property to change the background color of an element to Hex 3EA8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA8C4 }
```

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

```
.background{ background-color:#3EA8C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor