

Converting Colors

Hex(3EA4CA)

Have a look what the booklet for
Hex(3EA4CA) contains.

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Color

Hex(3EA4CA)

Conversions

Conversions Part 1

Format	Color
Hex	3EA4CA
RGB	62, 164, 202
RGB Percent	24%, 64%, 79%
CMY	0.7569, 0.3569, 0.2078
CMYK	0.69, 0.19, 0.00, 0.21
HSL	196°, 57%, 52%
HSV	196°, 69%, 79%
XYZ	25.9227, 31.8393, 60.6564
YIQ	137.8340, -72.9900, -9.8060

Conversions

Conversions Part 2

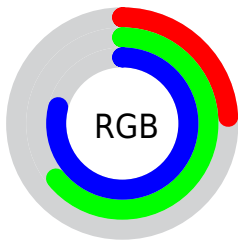
Format	Color
R _Y B	62, 121, 202
Decimal	4105418
CIE Lab	63.21, -17.17, -28.00
CIE LCh	63, 32.841, 238.481
Yxy	31.8393, 0.2189, 0.2689
Android (android.graphics.Color)	4282295498 (0xFF3EA4CA)
YUV	137.8340, 31.6338, -66.5064
Hunter-Lab	56.4263, -16.7417, -24.2363




Details

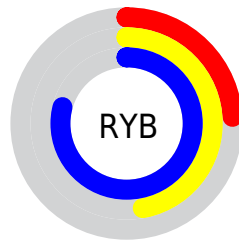
The Hex color **3EA4CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CA643E**, and the grayscale version is **8A8A8A**.




A 20% lighter version of the original color is **7EDBFF**, and **007094** is the 20% darker color. If you saturate the color by 10%, you get **2A9FCA**, and if you desaturate by 10%, it is **52A9CA**.

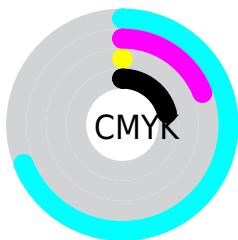
Distribution







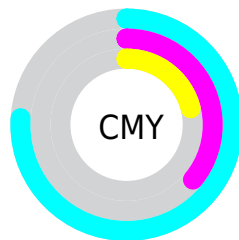
-  Red (24%)
-  Green (64%)
-  Blue (79%)






-  Red (24%)
-  Yellow (47%)
-  Blue (79%)



-  Cyan (69%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (76%)
-  Magenta (36%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA4CA 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 3EA4CA by changing the saturation by 10% instead.

 3EA4CA

 3EA4CA

FFFFFF

 0D8AAF

 7EDBFF

 007094

 9BF8FF

 00587A

 B9FFFF

 004061

 D7FFFF

 002A49

 F5FFFF

 001632

 00021D

 000000

 3EA4CA

 3EA4CA

■ 2A9FCA

■ 52A9CA

■ 1699CA

■ 66AFCA

■ 0194CA

■ 7BB4CA

■ 0093CA

■ 8FBACA

■ A3BFCA

■ B7C5CA

■ CBCACA

■ E0DOCA

■ F4D5CA

Harmonies

Analogous

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



2AA8B4



3EA4CA



6D9CD3

Triad

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



3EA4CA



CF839C



90A065

Complementary

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



3EA4CA



CA643E

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.



AE975E



3EA4CA



D2857F

Square

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



3EA4CA



BD88B8



C58D68



6DA67A

Rectangle

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



3EA4CA



8C96D0



C58D68



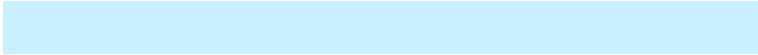
9A9D61

Sweetspot

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



3EA4CA



C9F0FF



3ECA63



607780



000000



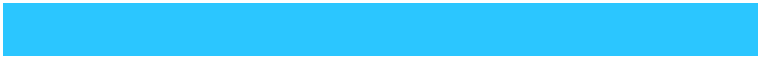
808080

Same Dimension

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



3EA4CA



2BC6FF



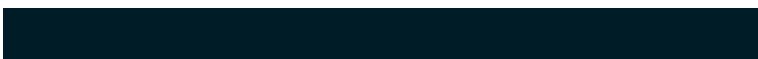
3E5FCA



5C6366



0079A6



001C26

Inverse Universe

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



CA3EA4



FF2BC6



CAA93E



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color 3EA4CA 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



This preview shows how the Hex color 3EA4CA looks on a 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 3EA4CA Background



This preview shows how black text looks on a background with the Hex color 3EA4CA.

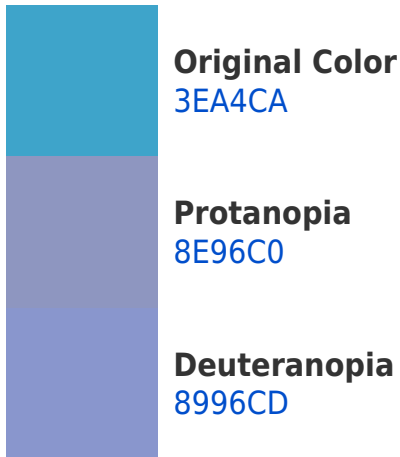


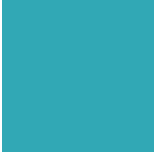
This preview shows how white text looks on a background with the Hex color 3EA4CA.

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](#).

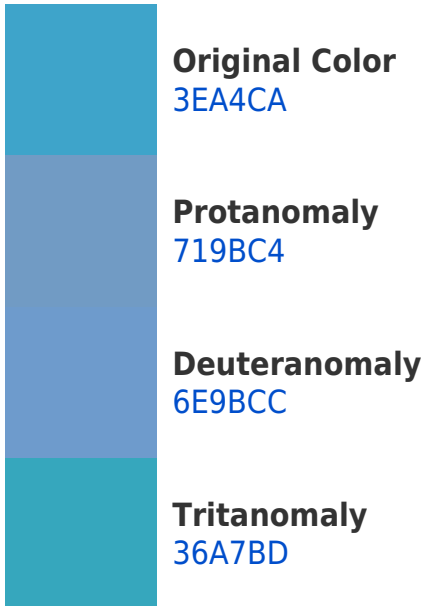
Dichromacy





Tritanopia
31A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA4CA 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 #3EA4CA looks like.

```
.text, #text, p{  
    color:#3EA4CA  
}
```

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 #3EA4CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA4CA
}
```

Border

The CSS property to change the border of an element to Hex 3EA4CA 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
#3EA4CA }
```

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

```
.border{ border-color:#3EA4CA }
```

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

Here you see how a box with a 4 pixel #3EA4CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA4CA; -webkit-box-shadow:4px 4px  
4px 4px #3EA4CA; box-shadow:4px 4px 4px  
4px #3EA4CA }
```

Background

The CSS property to change the background color of an element to Hex 3EA4CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA4CA }
```

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

```
.background{ background-color:#3EA4CA }
```

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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