

# Converting Colors

Hex(3EA496)

Have a look what the booklet for  
Hex(3EA496) contains.

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# Color

Hex(3EA496)

# Conversions

## Conversions Part 1

Format	Color
Hex	3EA496
RGB	62, 164, 150
RGB Percent	24%, 64%, 59%
CMY	0.7569, 0.3569, 0.4118
CMYK	0.62, 0.00, 0.09, 0.36
HSL	172°, 45%, 44%
HSV	172°, 62%, 64%
XYZ	20.7671, 29.7771, 33.5072
YIQ	131.9060, -56.2980, -25.9780

# Conversions

## Conversions Part 2

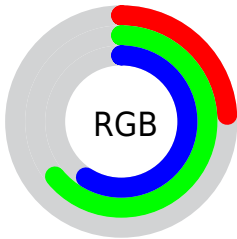
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 117, 164
Decimal	4105366
CIE Lab	61.46, -32.74, -1.47
CIE LCh	61, 32.769, 182.577
Yxy	29.7771, 0.2471, 0.3543
Android (android.graphics.Color)	4282295446 (0xFF3EA496)
YUV	131.9060, 8.9203, -61.3076
Hunter-Lab	54.5684, -27.5629, 1.7914

# Details

The Hex color **3EA496** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A43E4C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79DBCC**, and **007063** is the 20% darker color. If you saturate the color by 10%, you get **2EA494**, and if you desaturate by 10%, it is **4EA498**.

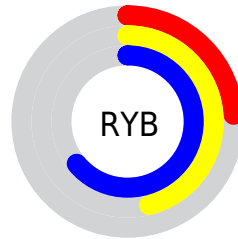
# Distribution



Red (24%)

Green (64%)

Blue (59%)



Red (24%)

Yellow (46%)

Blue (64%)

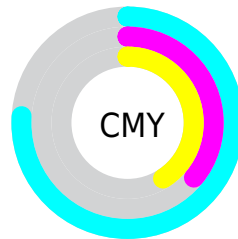


Cyan (62%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (76%)

Magenta (36%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EA496 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 3EA496 by changing the saturation by 10% instead.



 3EA496

 3EA496

FFFFFF

 1A897C

 79DBCC

 007063

 95F8E8

 00574C

 B2FFFF

 003F35

 CFFFFFF

 002820

 EDFFFF

 000A09

 000000

 3EA496

 3EA496

 2EA494

 4EA498

■ 1DA491

■ 5FA49B

■ 0DA48F

■ 6FA49D

■ 00A48D

■ 80A49F

■ 90A4A1

■ A0A4A4

■ B1A4A6

■ C1A4A8

■ D2A4AA

# Harmonies

## Analogous

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



64A279



3EA496



22A3B3

# Triad

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



3EA496



9B8CC5



BE8962

# Complementary

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



3EA496



A43E4C

# 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.



CC8177



3EA496



BB82B0

# Square

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



3EA496



6F96CE



CB7E93



A5935A

# Rectangle

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



3EA496



30A0C2



CB7E93



C48667



# Sweetspot

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



3EA496



AED6D1



4DA43E



526B68



EBEBEB



6B6B6B



# Same Dimension

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



3EA496



36D6C0



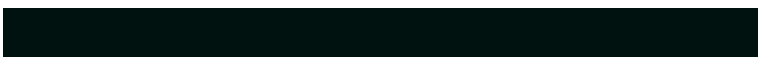
3E80A4



495250



00917D



00120F



# Inverse Universe

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



A43E4C



D6364C



A4623E



52494B



910014

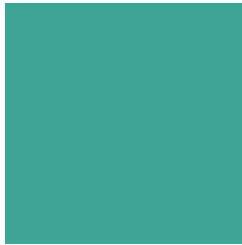


120002



# Previews

## White Background



This preview shows how the Hex color 3EA496 looks on a white background.

## Color Contrast Check

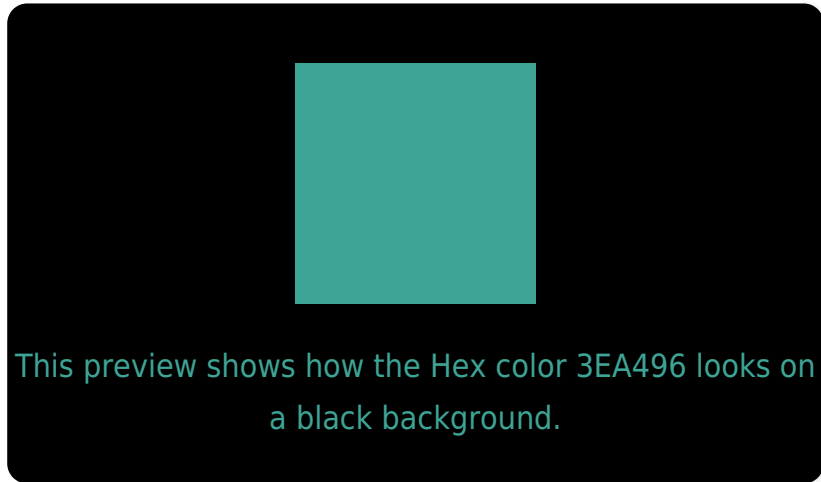
Large Text (above 18pt) WCAG AA ✓ Pass

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

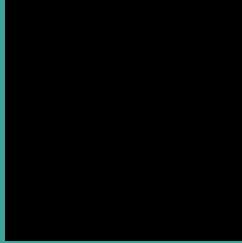
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EA496 Background



This preview shows how black text looks on a background with the Hex color 3EA496.

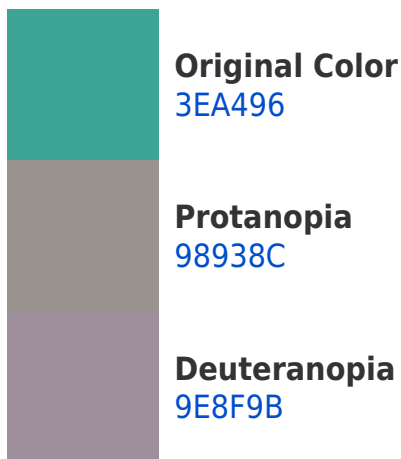


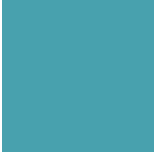
This preview shows how white text looks on a background with the Hex color 3EA496.

# 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**  
48A1AE

# Trichromacy



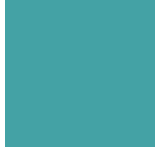
**Original Color**  
3EA496



**Protanomaly**  
779990



**Deuteranomaly**  
7B9799



**Tritanomaly**  
44A2A5

# Monochromacy



**Original Color**  
3EA496



**Achromatopsia**  
848484



**Achromatomaly**  
6B908B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EA496 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 #3EA496 looks like.

```
.text, #text, p{  
    color:#3EA496  
}
```

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 #3EA496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA496
}
```

## Border

The CSS property to change the border of an element to Hex 3EA496 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
#3EA496 }
```

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

```
.border{ border-color:#3EA496 }
```

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

Here you see how a box with a 4 pixel #3EA496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA496; -webkit-box-shadow:4px 4px  
4px 4px #3EA496; box-shadow:4px 4px 4px  
4px #3EA496 }
```

# Background

The CSS property to change the background color of an element to Hex 3EA496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA496 }
```

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

```
.background{ background-color:#3EA496 }
```

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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