

# Converting Colors

Hex(3EAF93)

Have a look what the booklet for  
Hex(3EAF93) contains.

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**Color**

**Hex(3EAF93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EAF93
RGB	62, 175, 147
RGB Percent	24%, 69%, 58%
CMY	0.7569, 0.3137, 0.4235
CMYK	0.65, 0.00, 0.16, 0.31
HSL	165°, 48%, 46%
HSV	165°, 65%, 69%
XYZ	22.5830, 33.7907, 32.9358
YIQ	138.0210, -58.3600, -32.6640

# Conversions

## Conversions Part 2

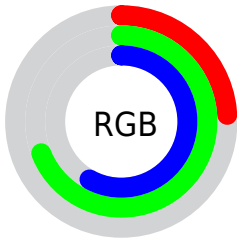
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 126, 175
Decimal	4108179
CIELab	64.80, -38.58, 5.05
CIELCh	65, 38.904, 172.545
Yxy	33.7907, 0.2529, 0.3784
Android (android.graphics.Color)	4282298259 (0xFF3EAF93)
YUV	138.0210, 4.4266, -66.6704
Hunter-Lab	58.1297, -32.3809, 7.0977

# Details

The Hex color **3EAF93** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **AF3E5A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7AE7C9**, and **007A60** is the 20% darker color. If you saturate the color by 10%, you get **2DAF8F**, and if you desaturate by 10%, it is **50AF97**.

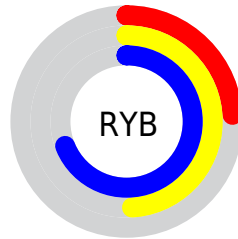
# Distribution



Red (24%)

Green (69%)

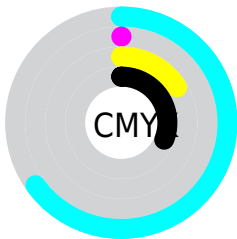
Blue (58%)



Red (24%)

Yellow (49%)

Blue (69%)

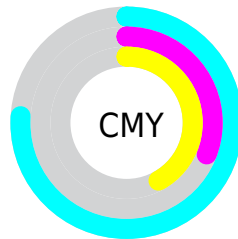


Cyan (65%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (76%)

Magenta (31%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EAF93 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 3EAF93 by changing the saturation by 10% instead.



 3EAF93

 3EAF93


FFFFFF

 179479

 7AE7C9

 007A60

 97FFE5

 006049

 B4FFFF

 004832

 D1FFFF

 00301D

 EFFFFF

 001A04

 000000

 3EAF93

 3EAF93

 2DAF8F

 50AF97

■ 1BAF8A

■ 61AF9C

■ 09AF86

■ 73AFA0

■ 00AF84

■ 84AFA4

■ 96AFA9

■ A7AFAD

■ B9AFB1

■ CAAF6

■ DBAFBA

# Harmonies

## Analogous

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



70AB72



3EAF93



00AFB7

# Triad

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



3EAF93



9497DD



D48C67

# Complementary

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



3EAF93



AF3E5A

# 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.



E08384



3EAF93



C08BC8

# Square

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



3EAF93



57A3E2



DA82A7



BB9858

# Rectangle

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



3EAF93



00ADCB



DA82A7



DA8870



# Sweetspot

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



3EAF93



B8E3D8



5AAF3E



58736C



F2F2F2



737373



# Same Dimension

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



3EAF93



34E3B8



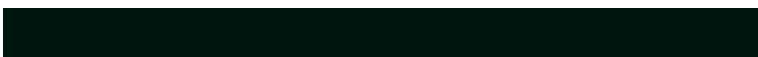
3E93AF



4E5755



009671



001711



# Inverse Universe

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



AF3E5A



E3345F



AF5A3E



574E50



960025

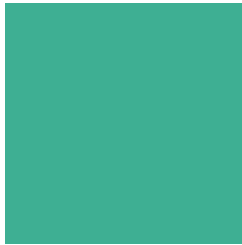


170006



# Previews

## White Background



This preview shows how the Hex color 3EAF93 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

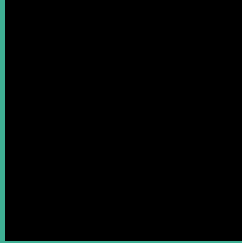
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3EAF93 Background



This preview shows how black text looks on a background with the Hex color 3EAF93.

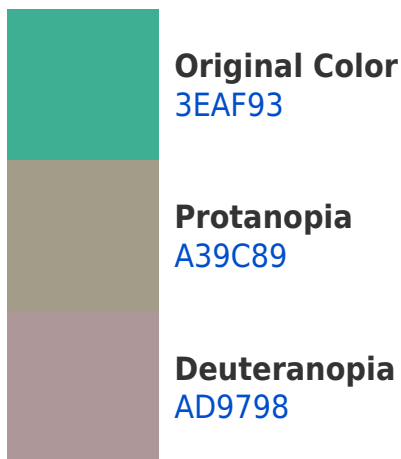


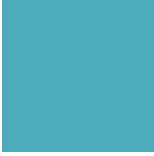
This preview shows how white text looks on a background with the Hex color 3EAF93.

# 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**  
4DAAB8

# Trichromacy



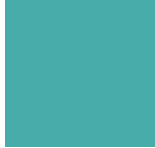
**Original Color**  
3EAF93



**Protanomaly**  
7EA38D



**Deuteranomaly**  
85A096



**Tritanomaly**  
48ACAB

# Monochromacy



**Original Color**  
3EAF93



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
6E978D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EAF93 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 #3EAF93 looks like.

```
.text, #text, p{  
    color:#3EAF93  
}
```

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 #3EAF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAF93  
}
```

## Border

The CSS property to change the border of an element to Hex 3EAF93 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  
#3EAF93 }
```

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

```
.border{ border-color:#3EAF93 }
```

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

Here you see how a box with a 4 pixel #3EAF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAF93; -webkit-box-shadow:4px 4px  
4px 4px #3EAF93; box-shadow:4px 4px 4px  
4px #3EAF93 }
```

# Background

The CSS property to change the background color of an element to Hex 3EAF93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAF93 }
```

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

```
.background{ background-color:#3EAF93 }
```

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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