

# Converting Colors

Hex(3EC393)

Have a look what the booklet for  
Hex(3EC393) contains.

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**Color**

**Hex(3EC393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EC393
RGB	62, 195, 147
RGB Percent	24%, 76%, 58%
CMY	0.7569, 0.2353, 0.4235
CMYK	0.68, 0.00, 0.25, 0.24
HSL	158°, 53%, 50%
HSV	158°, 68%, 76%
XYZ	26.7682, 42.1609, 34.3308
YIQ	149.7610, -63.8600, -43.1240

# Conversions

## Conversions Part 2

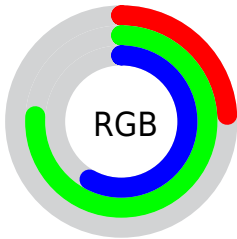
Format	Color
<a href="#">RYB</a>	<a href="#">62, 143, 195</a>
Decimal	<a href="#">4113299</a>
CIELab	<a href="#">70.98, -47.18, 13.84</a>
CIELCh	<a href="#">71, 49.170, 163.648</a>
Yxy	<a href="#">42.1609, 0.2592, 0.4083</a>
Android (android.graphics.Color)	<a href="#">4282303379</a> ( <a href="#">0xFF3EC393</a> )
YUV	<a href="#">149.7610, -1.3612, -76.9664</a>
Hunter-Lab	<a href="#">64.9314, -40.0429, 14.1040</a>

# Details

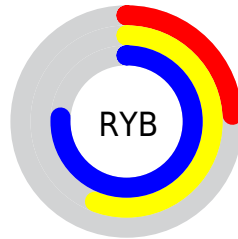
The Hex color **3EC393** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C33E6E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7DFCC9**, and **008C60** is the 20% darker color. If you saturate the color by 10%, you get **2BC38C**, and if you desaturate by 10%, it is **52C39A**.

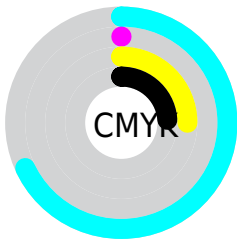
# Distribution



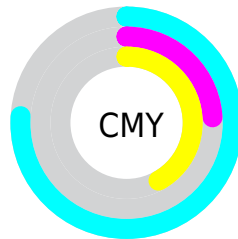
- Red (24%)
- Green (76%)
- Blue (58%)



- Red (24%)
- Yellow (56%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EC393 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 3EC393 by changing the saturation by 10% instead.





3EC393



3EC393

FFFFFF



0FA779



7DFCC9



008C60



9BFFE5



007248



B8FFFF



005832



D6FFFF



00401C



F4FFFF



002B04



000700



000000



3EC393



3EC393

 2BC38C

 52C39A

 17C385

 65C3A1

 04C37E

 79C3A8

 00C37D

 8CC3AF

 A0C3B6

 B3C3BD

 C7C3C4

 DAC3CB

 EEC3D2

# Harmonies

## Analogous

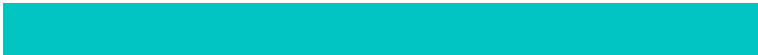
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83BD6B



3EC393



00C5C1

# Triad

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



3EC393



89ABFF



F99372

# Complementary

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



3EC393



C33E6E

# 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.



FF899B



3EC393



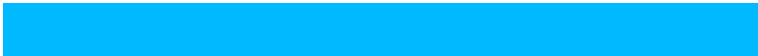
CC9AEF

# Square

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



3EC393



00B9FF



F48CC8



DDA357

# Rectangle

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



3EC393



00C3DE



F48CC8



FF8E7E

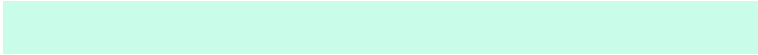


# Sweetspot

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



3EC393



CAFCEA



6FC33E



618074



000000



808080



# Same Dimension

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



3EC393



2DFCB2



3EB1C3



57615D



00A167



002115



# Inverse Universe

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



C33E6E



FC2D78



C3503E



61575B



A1003A

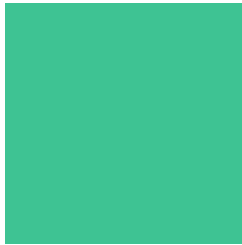


21000C



# Previews

## White Background



This preview shows how the Hex color 3EC393 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 3EC393 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

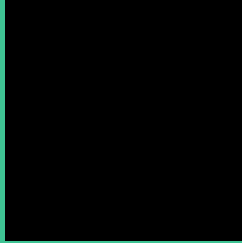
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3EC393 Background



This preview shows how black text looks on a background with the Hex color 3EC393.

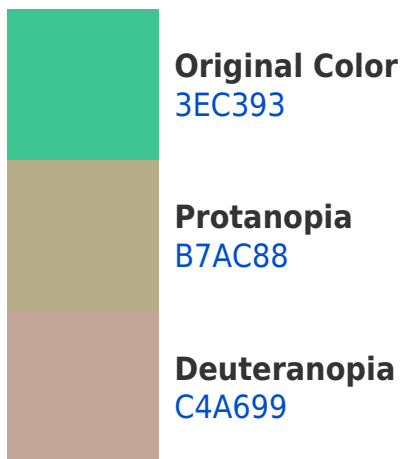


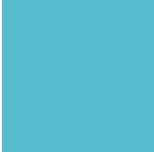
This preview shows how white text looks on a background with the Hex color 3EC393.

# 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**  
55BCCB

# Trichromacy



**Original Color**  
3EC393



**Protanomaly**  
8BB48C



**Deuteranomaly**  
93B197

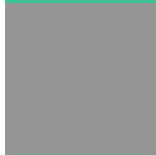


**Tritanomaly**  
4DBFB7

# Monochromacy



**Original Color**  
3EC393



**Achromatopsia**  
969696



**Achromatomaly**  
76A695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EC393 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 #3EC393 looks like.

```
.text, #text, p{  
    color:#3EC393  
}
```

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 #3EC393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC393
}
```

## Border

The CSS property to change the border of an element to Hex 3EC393 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
#3EC393 }
```

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

```
.border{ border-color:#3EC393 }
```

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

Here you see how a box with a 4 pixel #3EC393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC393; -webkit-box-shadow:4px 4px  
4px 4px #3EC393; box-shadow:4px 4px 4px  
4px #3EC393 }
```

# Background

The CSS property to change the background color of an element to Hex 3EC393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC393 }
```

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

```
.background{ background-color:#3EC393 }
```

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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