

# Converting Colors

Hex(3EC5A8)

Have a look what the booklet for  
Hex(3EC5A8) contains.

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**Color**

**Hex(3EC5A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EC5A8
RGB	62, 197, 168
RGB Percent	24%, 77%, 66%
CMY	0.7569, 0.2275, 0.3412
CMYK	0.69, 0.00, 0.15, 0.23
HSL	167°, 54%, 51%
HSV	167°, 69%, 77%
XYZ	29.0207, 43.7838, 43.9674
YIQ	153.3290, -71.1510, -37.6390

# Conversions

## Conversions Part 2

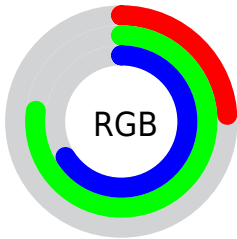
Format	Color
<a href="#">RYB</a>	<a href="#">62, 138, 197</a>
Decimal	<a href="#">4113832</a>
CIELab	<a href="#">72.08, -42.98, 4.04</a>
CIELCh	<a href="#">72, 43.174, 174.628</a>
Yxy	<a href="#">43.7838, 0.2485, 0.3750</a>
Android (android.graphics.Color)	<a href="#">4282303912 (0xFF3EC5A8)</a>
YUV	<a href="#">153.3290, 7.2328, -80.0955</a>
Hunter-Lab	<a href="#">66.1693, -37.5092, 6.9223</a>

# Details

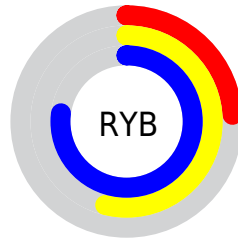
The Hex color **3EC5A8** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C53E5B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7EFEDF**, and **008E74** is the 20% darker color. If you saturate the color by 10%, you get **2AC5A4**, and if you desaturate by 10%, it is **52C5AC**.

# Distribution



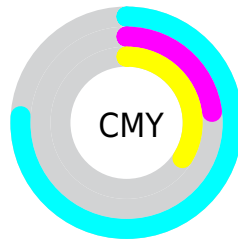
- Red (24%)
- Green (77%)
- Blue (66%)



- Red (24%)
- Yellow (54%)
- Blue (77%)



- Cyan (69%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EC5A8 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 3EC5A8 by changing the saturation by 10% instead.



 3EC5A8

 3EC5A8

FFFFFF

 0CA98E

 7EFEDF

 008E74

 9CFFFC

 00745C

 BAFFFF

 005B44

 D8FFFF

 00422E

 F6FFFF

 002C19

 000E00

 000000

 3EC5A8

 3EC5A8

 2AC5A4

 52C5AC

 17C5A0

 65C5B0

 03C59B

 79C5B5

 00C59B

 8DC5B9

 A1C5BD

 B4C5C1

 C8C5C6

 DCC5CA

 EFC5CE

# Harmonies

## Analogous

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



7AC182



3EC5A8



00C5D0

# Triad

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



3EC5A8



AAA9F8



EE9E72

# Complementary

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



3EC5A8



C53E5B

# 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.



FC9392



3EC5A8



DB9BDF

# Square

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



3EC5A8



65B7FF



F792B9



D0AC61

# Rectangle

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



3EC5A8



00C2E7



F792B9



F49A7B

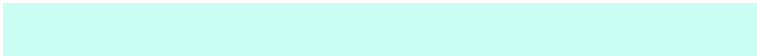


# Sweetspot

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



3EC5A8



C9FFF3



5BC53E



608079



000000



808080



# Same Dimension

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



3EC5A8



2EFFD2



3E9FC5



5A6361



00A380



00241C



# Inverse Universe

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



C53E5B



FF2E5B



C5643E



635A5C



A30023

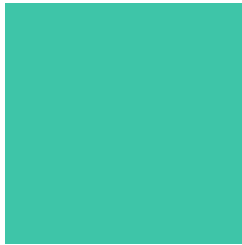


240008



# Previews

## White Background



This preview shows how the Hex color 3EC5A8 looks on a white background.

## Color Contrast Check

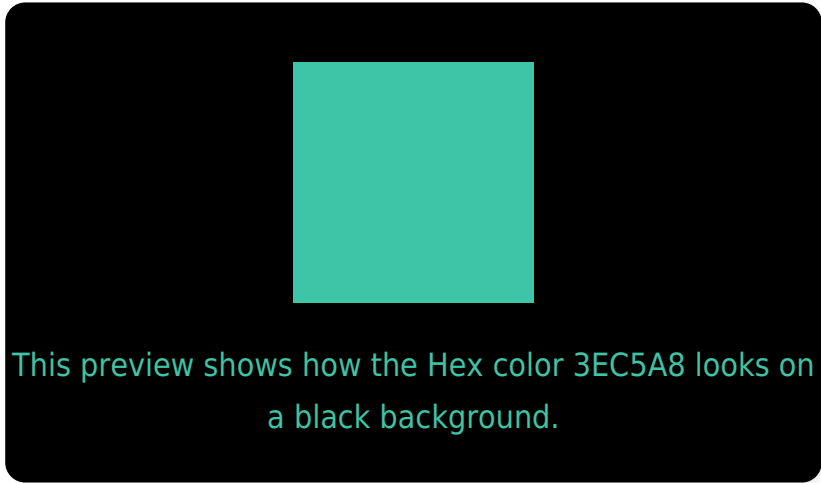
Large Text (above 18pt) WCAG AA × Fail

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

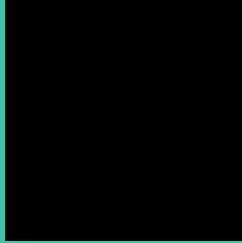
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

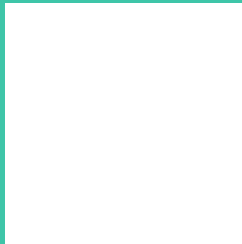
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EC5A8 Background



This preview shows how black text looks on a background with the Hex color 3EC5A8.



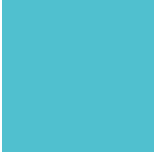
This preview shows how white text looks on a background with the Hex color 3EC5A8.

# 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





# Trichromacy



**Original Color**  
3EC5A8



**Protanomaly**  
8BB7A0



**Deuteranomaly**  
91B4AC



**Tritanomaly**  
49C2C1

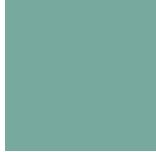
# Monochromacy



**Original Color**  
3EC5A8



**Achromatopsia**  
999999



**Achromatomaly**  
78A99E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EC5A8 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 #3EC5A8 looks like.

```
.text, #text, p{  
    color:#3EC5A8  
}
```

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 #3EC5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC5A8  
}
```

## Border

The CSS property to change the border of an element to Hex 3EC5A8 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  
#3EC5A8 }
```

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

```
.border{ border-color:#3EC5A8 }
```

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

Here you see how a box with a 4 pixel #3EC5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC5A8; -webkit-box-shadow:4px 4px  
4px 4px #3EC5A8; box-shadow:4px 4px 4px  
4px #3EC5A8 }
```

# Background

The CSS property to change the background color of an element to Hex 3EC5A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC5A8 }
```

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

```
.background{ background-color:#3EC5A8 }
```

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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