

Converting Colors

Hex(3EC6A8)

Have a look what the booklet for
Hex(3EC6A8) contains.

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Color

Hex(3EC6A8)

Conversions

Conversions Part 1

Format	Color
Hex	3EC6A8
RGB	62, 198, 168
RGB Percent	24%, 78%, 66%
CMY	0.7569, 0.2235, 0.3412
CMYK	0.69, 0.00, 0.15, 0.22
HSL	167°, 54%, 51%
HSV	167°, 69%, 78%
XYZ	29.2486, 44.2395, 44.0433
YIQ	153.9160, -71.4260, -38.1620

Conversions

Conversions Part 2

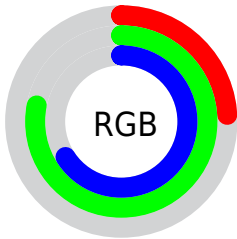
Format	Color
RYB	62, 138, 198
Decimal	4114088
CIELab	72.39, -43.42, 4.48
CIELCh	72, 43.649, 174.107
Yxy	44.2395, 0.2489, 0.3764
Android (android.graphics.Color)	4282304168 (0xFF3EC6A8)
YUV	153.9160, 6.9434, -80.6103
Hunter-Lab	66.5127, -37.9030, 7.2984

Details

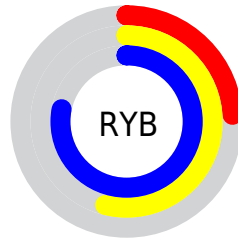
The Hex color **3EC6A8** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C63E5C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7EFFDF**, and **008F74** is the 20% darker color. If you saturate the color by 10%, you get **2AC6A4**, and if you desaturate by 10%, it is **52C6AC**.

Distribution



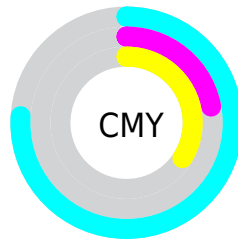
- Red (24%)
- Green (78%)
- Blue (66%)



- Red (24%)
- Yellow (54%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EC6A8 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 3EC6A8 by changing the saturation by 10% instead.

 3EC6A8

 3EC6A8

FFFFFF

 0BAA8E

 7EFFDF

 008F74

 9CFFFC

 00755C

 BAFFFF

 005B44

 D8FFFF

 00432E

 F7FFFF

 002C19

 000F00

 000000

 3EC6A8

 3EC6A8

■ 2AC6A4

■ 52C6AC

■ 16C69F

■ 66C6B1

■ 03C69B

■ 79C6B5

■ 00C69A

■ 8DC6B9

■ A1C6BE

■ B5C6C2

■ C9C6C7

■ DCC6CB

■ F0C6CF

Harmonies

Analogous

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



7BC281



3EC6A8



00C6D1

Triad

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



3EC6A8



AAAAFA



EF9E72

Complementary

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



3EC6A8



C63E5C

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.



FE9493



3EC6A8



DC9BE1

Square

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



3EC6A8



63B8FF



F892BB



D2AC61

Rectangle

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



3EC6A8



00C4E8



F892BB



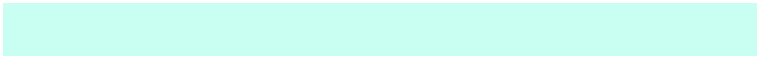
F69A7C

Sweetspot

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



3EC6A8



C9FFF3



5EC63E



608078



000000



808080

Same Dimension

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



3EC6A8



2EFFD1



3EA2C6



5A6361



00A37F



00241C

Inverse Universe

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



C63E5C



FF2E5C



C6623E



635A5C



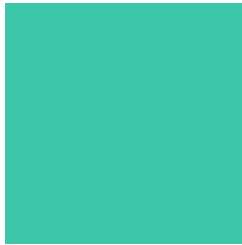
A30024



240008

Previews

White Background



This preview shows how the Hex color 3EC6A8 looks on a white background.

Color Contrast Check

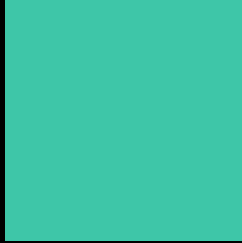
Large Text (above 18pt) WCAG AA × Fail

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 3EC6A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

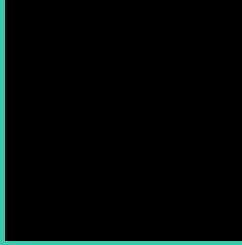
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

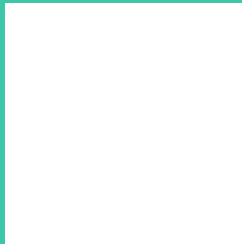
Any Text WCAG AAA ✓ Pass

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

Hex 3EC6A8 Background



This preview shows how black text looks on a background with the Hex color 3EC6A8.



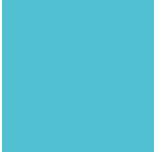
This preview shows how white text looks on a background with the Hex color 3EC6A8.

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](#).

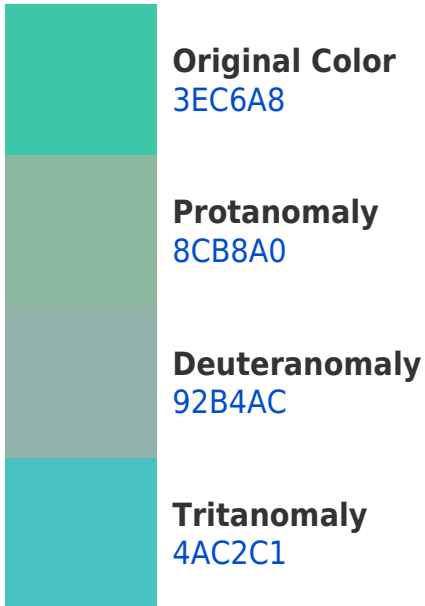
Dichromacy





Tritanopia
51C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EC6A8 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 #3EC6A8 looks like.

```
.text, #text, p{  
    color:#3EC6A8  
}
```

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 #3EC6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC6A8
}
```

Border

The CSS property to change the border of an element to Hex 3EC6A8 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
#3EC6A8 }
```

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

```
.border{ border-color:#3EC6A8 }
```

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

Here you see how a box with a 4 pixel #3EC6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC6A8; -webkit-box-shadow:4px 4px  
4px 4px #3EC6A8; box-shadow:4px 4px 4px  
4px #3EC6A8 }
```

Background

The CSS property to change the background color of an element to Hex 3EC6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC6A8 }
```

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

```
.background{ background-color:#3EC6A8 }
```

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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