

Converting Colors

Hex(38C794)

Have a look what the booklet for
Hex(38C794) contains.

Hex(38C794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38C794)

Conversions

Conversions Part 1

Format	Color
Hex	38C794
RGB	56, 199, 148
RGB Percent	22%, 78%, 58%
CMY	0.7804, 0.2196, 0.4196
CMYK	0.72, 0.00, 0.26, 0.22
HSL	159°, 56%, 50%
HSV	159°, 72%, 78%
XYZ	27.3996, 43.8257, 35.0321
YIQ	150.4290, -68.8570, -46.1770

Conversions

Conversions Part 2

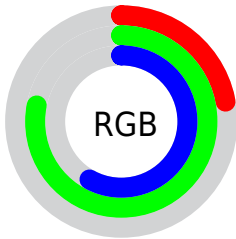
Format	Color
RYB	56, 143, 199
Decimal	3721108
CIELab	72.11, -49.49, 14.87
CIElCh	72, 51.681, 163.276
Yxy	43.8257, 0.2579, 0.4124
Android (android.graphics.Color)	4281911188 (0xFF38C794)
YUV	150.4290, -1.1975, -82.8142
Hunter-Lab	66.2010, -41.9733, 14.9658

Details

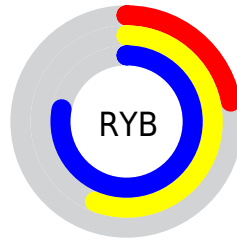
The Hex color **38C794** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C7386B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7AFFCA**, and **009061** is the 20% darker color. If you saturate the color by 10%, you get **24C78D**, and if you desaturate by 10%, it is **4CC79B**.

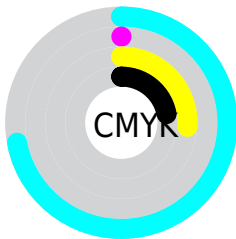
Distribution



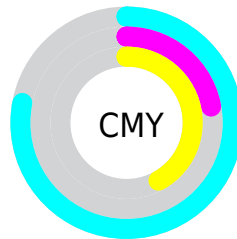
- Red (22%)
- Green (78%)
- Blue (58%)



- Red (22%)
- Yellow (56%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38C794 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 38C794 by changing the saturation by 10% instead.



38C794



38C794

FFFFFF



00AB7A



7AFFCA



009061



98FFE6



007649



B6FFFF



005C33



D4FFFF



00431D



F2FFFF



002D05



000E00



000000



38C794



38C794

■ 24C78D

■ 4CC79B

■ 10C786

■ 60C7A2

■ 00C780

■ 74C7A9

■ 88C7B0

■ 9CC7B7

■ AFC7BF

■ C3C7C6

■ D7C7CD

■ EBC7D4

Harmonies

Analogous

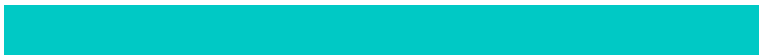
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84C069



38C794



00C9C5

Triad

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



38C794



88AFFF



FF9472

Complementary

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



38C794



C7386B

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.



FF899D



38C794



D09CF6

Square

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



38C794



00BDFE



FB8DCD



E3A555

Rectangle

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



38C794



00C7E3



FB8DCD



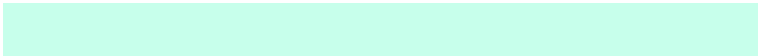
FF8F7F

Sweetspot

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



38C794



C7FFEB



6CC738



5E8074



000000



808080

Same Dimension

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



38C794



24FFB1



38B4C7



5A6360



00A369



002417

Inverse Universe

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



C7386B



FF2472



C74B38



635A5D



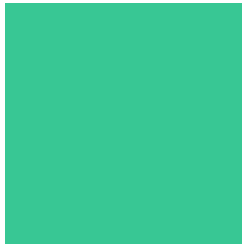
A3003A



24000D

Previews

White Background



This preview shows how the Hex color 38C794 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 38C794 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 38C794 Background



This preview shows how black text looks on a background with the Hex color 38C794.



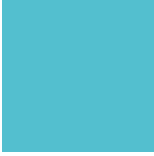
This preview shows how white text looks on a background with the Hex color 38C794.

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
53BFCF

Trichromacy



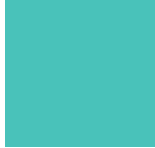
Original Color
38C794



Protanomaly
8BB88D



Deuteranomaly
94B498



Tritanomaly
49C2BA

Monochromacy



Original Color
38C794



Achromatopsia
969696



Achromatomaly
74A895

CSS Examples

Text

The CSS property to change the color of the text to Hex 38C794 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 #38C794 looks like.

```
.text, #text, p{  
    color:#38C794  
}
```

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 #38C794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C794
}
```

Border

The CSS property to change the border of an element to Hex 38C794 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
#38C794 }
```

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

```
.border{ border-color:#38C794 }
```

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

Here you see how a box with a 4 pixel #38C794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C794; -webkit-box-shadow:4px 4px  
4px 4px #38C794; box-shadow:4px 4px 4px  
4px #38C794 }
```

Background

The CSS property to change the background color of an element to Hex 38C794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C794 }
```

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

```
.background{ background-color:#38C794 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor