

Converting Colors

Hex(40C698)

Have a look what the booklet for
Hex(40C698) contains.

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Color

Hex(40C698)

Conversions

Conversions Part 1

Format	Color
Hex	40C698
RGB	64, 198, 152
RGB Percent	25%, 78%, 60%
CMY	0.7490, 0.2235, 0.4039
CMYK	0.68, 0.00, 0.23, 0.22
HSL	159°, 54%, 51%
HSV	159°, 68%, 78%
XYZ	27.9759, 43.7452, 36.6749
YIQ	152.6900, -65.0980, -42.7140

Conversions

Conversions Part 2

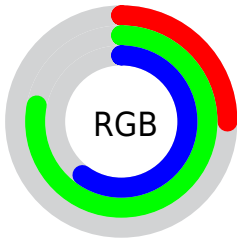
Format	Color
RYB	64, 145, 198
Decimal	4245144
CIELab	72.06, -46.96, 12.67
CIELCh	72, 48.641, 164.903
Yxy	43.7452, 0.2581, 0.4036
Android (android.graphics.Color)	4282435224 (0xFF40C698)
YUV	152.6900, -0.3402, -77.7811
Hunter-Lab	66.1401, -40.2433, 13.4216

Details

The Hex color **40C698** 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 **C6406E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7FFFCE**, and **008F65** is the 20% darker color. If you saturate the color by 10%, you get **2CC691**, and if you desaturate by 10%, it is **54C69F**.

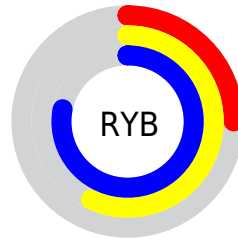
Distribution



Red (25%)

Green (78%)

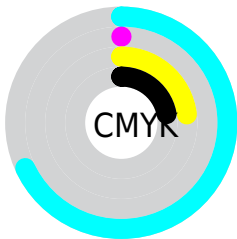
Blue (60%)



Red (25%)

Yellow (57%)

Blue (78%)

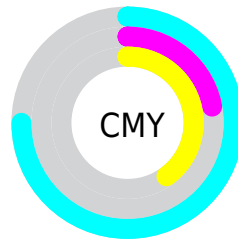


Cyan (68%)

Magenta (0%)

Yellow (23%)

Black (22%)



Cyan (75%)

Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40C698 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 40C698 by changing the saturation by 10% instead.

 40C698

 40C698

FFFFFF

 13AA7E


 7FFFCF

 008F65

 9DFFEB

 00754D

 BAFFFF

 005B36

 D8FFFF

 004221

 F7FFFF

 002C0A

 000E00

 000000

 40C698

 40C698

■ 2CC691

■ 54C69F

■ 18C68A

■ 68C6A6

■ 05C684

■ 7BC6AC

■ 00C682

■ 8FC6B3

■ A3C6BA

■ B7C6C1

■ CBC6C8

■ DEC6CE

■ F2C6D5

Harmonies

Analogous

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



84C070



40C698



00C8C6

Triad

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



40C698



90AEFF



FB9674

Complementary

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



40C698



C6406E

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.



FF8C9C



40C698



D19CF0

Square

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



40C698



1CBCFF



F88FC9



DFA65A

Rectangle

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



40C698



00C6E2



F88FC9



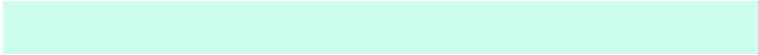
FF9280

Sweetspot

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



40C698



CCFFED



6FC640



618075



000000



808080

Same Dimension

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



40C698



30FFB8



40B2C6



5A6360



00A36B



002417

Inverse Universe

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



C6406E



FF3077



C65440



635A5D



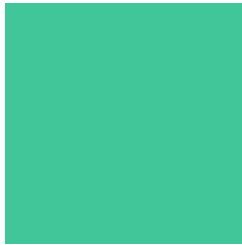
A30038



24000C

Previews

White Background



This preview shows how the Hex color 40C698 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 40C698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

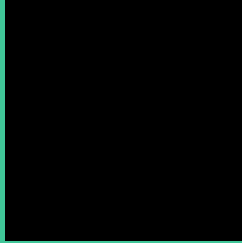
Any Text WCAG AA ✓ Pass

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 40C698 Background



This preview shows how black text looks on a background with the Hex color 40C698.



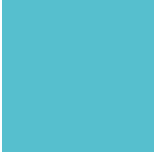
This preview shows how white text looks on a background with the Hex color 40C698.

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
56BFCE

Trichromacy



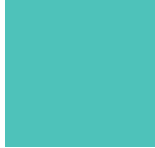
Original Color
40C698



Protanomaly
8EB791



Deuteranomaly
95B49C



Tritanomaly
4EC2BA

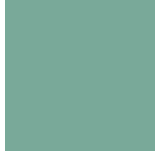
Monochromacy



Original Color
40C698



Achromatopsia
999999



Achromatomaly
79A999

CSS Examples

Text

The CSS property to change the color of the text to Hex 40C698 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 #40C698 looks like.

```
.text, #text, p{  
    color:#40C698  
}
```

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 #40C698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C698
}
```

Border

The CSS property to change the border of an element to Hex 40C698 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
#40C698 }
```

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

```
.border{ border-color:#40C698 }
```

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

Here you see how a box with a 4 pixel #40C698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C698; -webkit-box-shadow:4px 4px  
4px 4px #40C698; box-shadow:4px 4px 4px  
4px #40C698 }
```

Background

The CSS property to change the background color of an element to Hex 40C698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C698 }
```

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

```
.background{ background-color:#40C698 }
```

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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