

Converting Colors

Hex(75C398)

Have a look what the booklet for
Hex(75C398) contains.

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Color

Hex(75C398)

Conversions

Conversions Part 1

Format	Color
Hex	75C398
RGB	117, 195, 152
RGB Percent	46%, 76%, 60%
CMY	0.5412, 0.2353, 0.4039
CMYK	0.40, 0.00, 0.22, 0.24
HSL	147°, 39%, 61%
HSV	147°, 40%, 76%
XYZ	32.5187, 45.0791, 36.6930
YIQ	166.7760, -32.6850, -29.9090

Conversions

Conversions Part 2

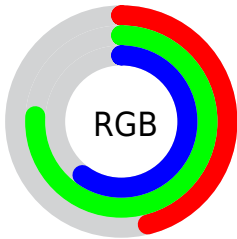
Format	Color
RYB	117, 171, 195
Decimal	7717784
CIELab	72.94, -33.67, 14.17
CIELCh	73, 36.536, 157.174
Yxy	45.0791, 0.2845, 0.3944
Android (android.graphics.Color)	4285907864 (0xFF75C398)
YUV	166.7760, -7.2846, -43.6536
Hunter-Lab	67.1410, -31.0429, 14.5963

Details

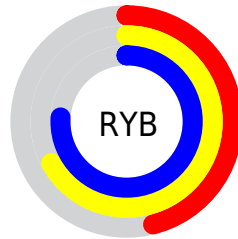
The Hex color **75C398** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C375A0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ACFCCE**, and **3F8D65** is the 20% darker color. If you saturate the color by 10%, you get **62C38D**, and if you desaturate by 10%, it is **88C3A3**.

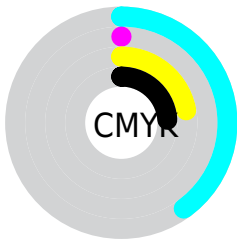
Distribution



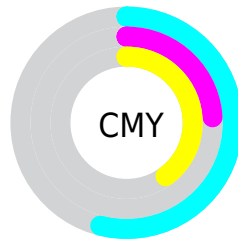
- Red (46%)
- Green (76%)
- Blue (60%)



- Red (46%)
- Yellow (67%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C398 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 75C398 by changing the saturation by 10% instead.

 75C398

 75C398

FFFFFF

 5AA87E

 ACFCCE

 3F8D65

 C8FFEB

 23734D

 E5FFFF

 005A36

 004220

 002B0A

 001200

 000000

 75C398

 75C398

 62C38D

 88C3A3

 4EC383

 9CC3AE

 3BC378

 B0C3B8

 27C36D

 C3C3C3

 13C362

 D7C3CE

 00C358

 EAC3D9

 FEC3E3

 FFC3EE

 FFC3F9

Harmonies

Analogous

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



9DBD7D



75C398



4BC5BA

Triad

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



75C398



91B4F5



F19E8C

Complementary

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



75C398



C375A0

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.



F499AC



75C398



C2A7E8

Square

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



75C398



5ABDF0



E49DCE



DFA876

Rectangle

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



75C398



37C4D0



E49DCE



F49B96

Sweetspot

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



75C398



DEFCEC



A1C375



6E8076



000000



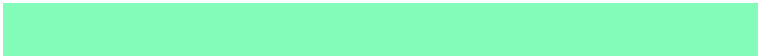
808080

Same Dimension

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



75C398



83FCBA



75C3BE



57615C



00A148



00210F

Inverse Universe

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



C375A0



FC83C6



C3757A



61575D



A10059



210012

Previews

White Background



This preview shows how the Hex color 75C398 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 75C398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

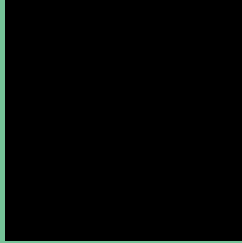
Any Text WCAG AA ✓ Pass

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 75C398 Background



This preview shows how black text looks on a background with the Hex color 75C398.

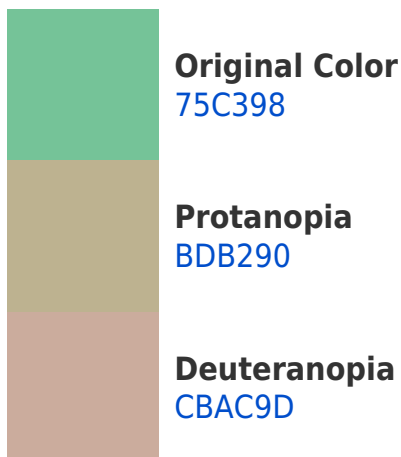


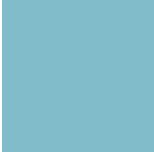
This preview shows how white text looks on a background with the Hex color 75C398.

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
81BCCB

Trichromacy



Original Color
75C398



Protanomaly
A3B893



Deuteranomaly
ACB49B



Tritanomaly
7DBFB8

Monochromacy



Original Color
75C398



Achromatopsia
A7A7A7



Achromatomaly
95B1A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 75C398 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 #75C398 looks like.

```
.text, #text, p{  
    color:#75C398  
}
```

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 #75C398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C398
}
```

Border

The CSS property to change the border of an element to Hex 75C398 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
#75C398 }
```

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

```
.border{ border-color:#75C398 }
```

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

Here you see how a box with a 4 pixel #75C398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C398; -webkit-box-shadow:4px 4px  
4px 4px #75C398; box-shadow:4px 4px 4px  
4px #75C398 }
```

Background

The CSS property to change the background color of an element to Hex 75C398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C398 }
```

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

```
.background{ background-color:#75C398 }
```

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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