

Converting Colors

Hex(1C5798)

Have a look what the booklet for
Hex(1C5798) contains.

Hex(1C5798)	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(1C5798)

Conversions

Conversions Part 1

Format	Color
Hex	1C5798
RGB	28, 87, 152
RGB Percent	11%, 34%, 60%
CMY	0.8902, 0.6588, 0.4039
CMYK	0.82, 0.43, 0.00, 0.40
HSL	211°, 69%, 35%
HSV	211°, 82%, 60%
XYZ	9.5546, 9.3303, 31.0031
YIQ	76.7690, -56.0290, 7.7070

Conversions

Conversions Part 2

Format	Color
R_{YB}	28, 68, 152
Decimal	1857432
CIE _{Lab}	36.61, 5.71, -40.87
CIE _{LCh}	37, 41.262, 277.949
Yxy	9.3303, 0.1915, 0.1870
Android (android.graphics.Color)	4280047512 (0xFF1C5798)
YUV	76.7690, 37.0889, -42.7704
Hunter-Lab	30.5455, 2.3799, -38.7964

Details

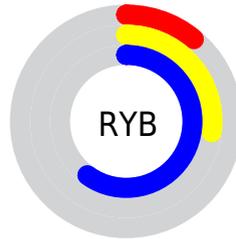
The Hex color **1C5798** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **985D1C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5D88CF**, and **002B64** is the 20% darker color. If you saturate the color by 10%, you get **0D4F98**, and if you desaturate by 10%, it is **2B5F98**.

Distribution



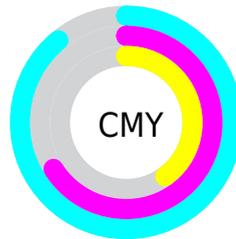
- Red (11%)
- Green (34%)
- Blue (60%)



- Red (11%)
- Yellow (27%)
- Blue (60%)



- Cyan (82%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (89%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5798 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 1C5798 by changing the saturation by 10% instead.

■ 1C5798

■ 1C5798

FFFFFF

■ 00407E

■ 5D88CF

■ 002B64

■ 7AA2EB

■ 00174C

■ 96BDFF

■ 000535

■ B3D9FF

■ 00021F

■ D0F5FF

■ 000001

■ EEEFFF

■ 000000

■ 1C5798

■ 1C5798

■ 0D4F98

■ 2B5F98

■ 004898

■ 3A6798

■ 4A6F98

■ 597798

■ 687F98

■ 778798

■ 868F98

■ 969798

■ A59F98

Harmonies

Analogous

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



006093



1C5798



63498B

Triad

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



1C5798



8D3E2F



00643C

Complementary

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



1C5798



985D1C

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.



3C601E



1C5798



7B4B16

Square

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



1C5798



92364F



5F570B



00665E

Rectangle

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



1C5798



7C407A



5F570B



176331

Sweetspot

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



1C5798



95ACC4



1C985C



475463



E3E3E3



636363

Same Dimension

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



1C5798



045FC4



1E1C98



45484D



00438C



00060D

Inverse Universe

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



981C57



C4045F



96981C



4D4548



8C0043



0D0006

Previews

White Background



This preview shows how the Hex color 1C5798 looks on a white background.

Color Contrast Check

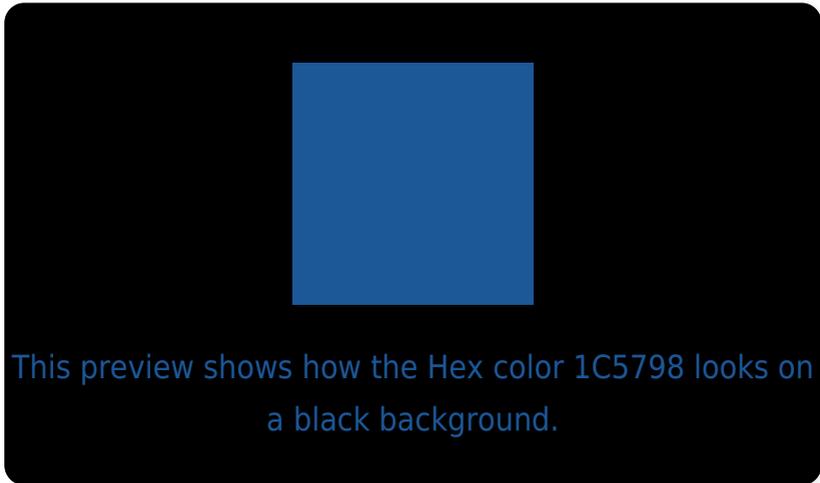
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

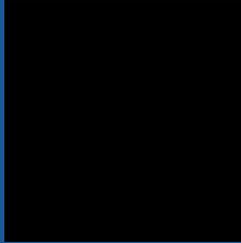
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1C5798 Background



This preview shows how black text looks on a background with the Hex color 1C5798.



This preview shows how white text looks on a background with the Hex color 1C5798.

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](#).

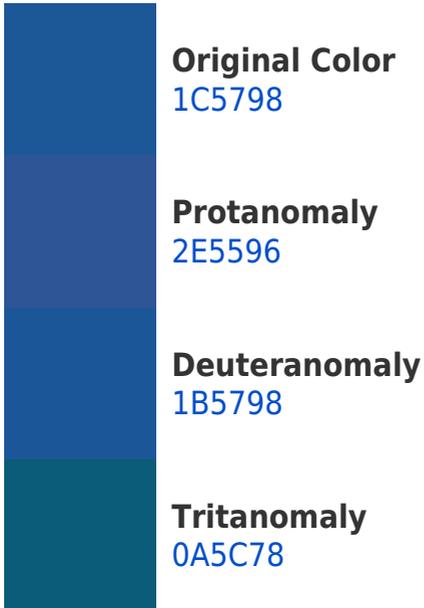
Dichromacy



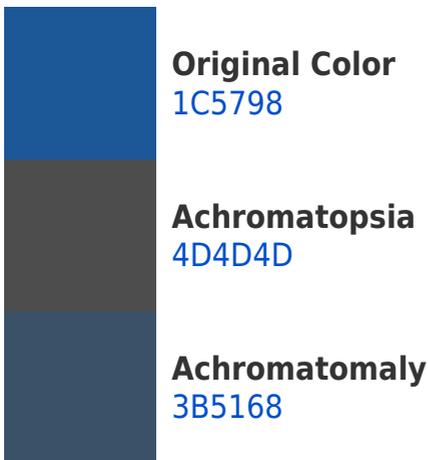


Tritanopia
005F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5798 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 #1C5798 looks like.

```
.text, #text, p{  
    color:#1C5798  
}
```

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 #1C5798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5798
}
```

Border

The CSS property to change the border of an element to Hex 1C5798 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
#1C5798 }
```

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

```
.border{ border-color:#1C5798 }
```

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

Here you see how a box with a 4 pixel #1C5798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5798; -webkit-box-shadow:4px 4px  
4px 4px #1C5798; box-shadow:4px 4px 4px  
4px #1C5798 }
```

Background

The CSS property to change the background color of an element to Hex 1C5798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5798 }
```

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

```
.background{ background-color:#1C5798 }
```

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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