

Converting Colors

Hex(1C7597)

Have a look what the booklet for
Hex(1C7597) contains.

Hex(1C7597)	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(1C7597)

Conversions

Conversions Part 1

Format	Color
Hex	1C7597
RGB	28, 117, 151
RGB Percent	11%, 46%, 59%
CMY	0.8902, 0.5412, 0.4078
CMYK	0.81, 0.23, 0.00, 0.41
HSL	197°, 69%, 35%
HSV	197°, 81%, 59%
XYZ	12.4261, 15.2038, 31.5579
YIQ	94.2650, -63.9580, -8.2940

Conversions

Conversions Part 2

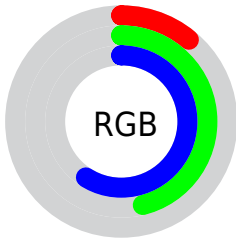
Format	Color
R_{YB}	28, 80, 151
Decimal	1865111
CIE _{Lab}	45.91, -13.10, -25.61
CIE _{LCh}	46, 28.765, 242.919
Yxy	15.2038, 0.2099, 0.2569
Android (android.graphics.Color)	4280055191 (0xFF1C7597)
YUV	94.2650, 27.9704, -58.1144
Hunter-Lab	38.9921, -11.3513, -20.6913

Details

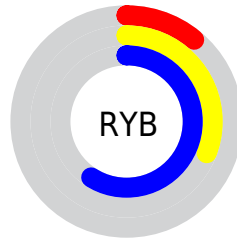
The Hex color **1C7597** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **973E1C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EA9CD**, and **004564** is the 20% darker color. If you saturate the color by 10%, you get **0D7197**, and if you desaturate by 10%, it is **2B7997**.

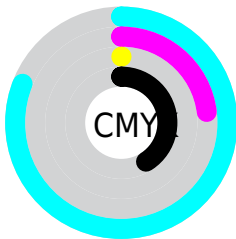
Distribution



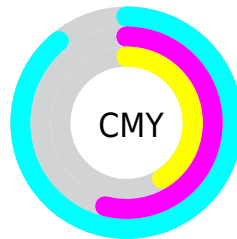
- Red (11%)
- Green (46%)
- Blue (59%)



- Red (11%)
- Yellow (31%)
- Blue (59%)



- Cyan (81%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (89%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7597 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 1C7597 by changing the saturation by 10% instead.

■ 1C7597

■ 1C7597

FFFFFF

■ 005C7D

■ 5EA9CD

■ 004564

■ 7BC4EA

■ 002E4C

■ 97E0FF

■ 001B35

■ B4FDFE

■ 000220

■ D1FFFF

■ 000003

■ EFFFFFF

■ 000000

■ 1C7597

■ 1C7597

■ 0D7197

■ 2B7997

■ 006D97

■ 3A7D97

■ 498297

■ 588697

■ 688A97

■ 778E97

■ 869297

■ 959697

■ A49B97

Harmonies

Analogous

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



007986



1C7597



4D6E9D

Triad

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



1C7597



9A5A6B



617343

Complementary

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



1C7597



973E1C

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.



7A6C3C



1C7597



9A5C54

Square

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



1C7597



8D5D83



8E6442



437856

Rectangle

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



1C7597



676999



8E6442



6A713F

Sweetspot

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



1C7597



95B7C4



1C973D



475B63



E3E3E3



636363

Same Dimension

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



1C7597



048FC4



1C3997



454A4D



00658C



00090D

Inverse Universe

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



971C75



C4048F



977A1C



4D454A



8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 1C7597 looks on a white background.

Color Contrast Check

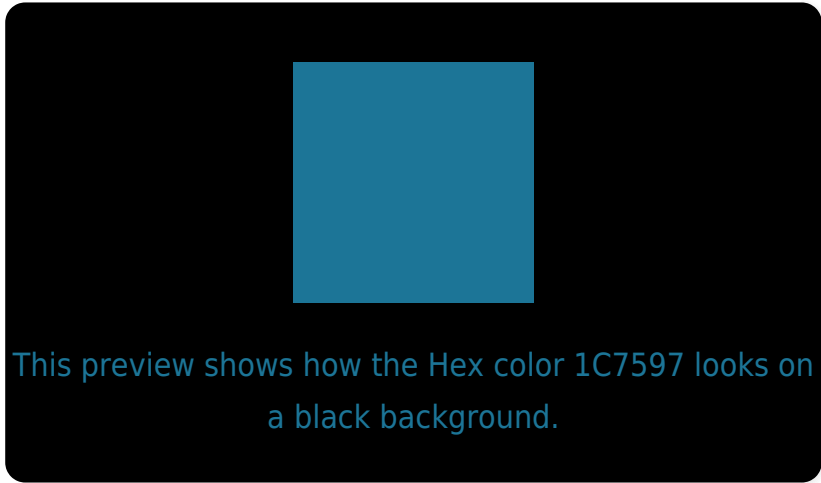
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

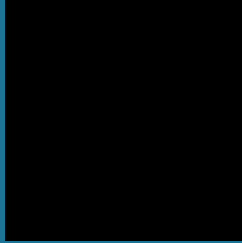
Any Text WCAG AA × Fail

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 1C7597 Background



This preview shows how black text looks on a background with the Hex color 1C7597.

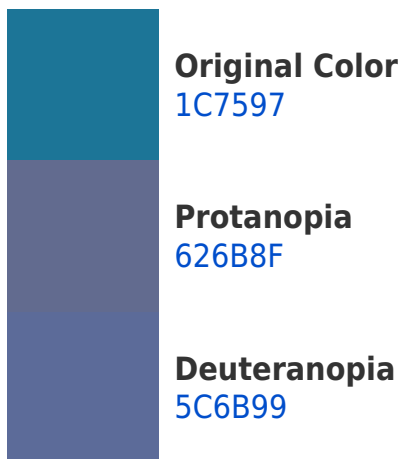


This preview shows how white text looks on a background with the Hex color 1C7597.

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





Trichromacy



Original Color
1C7597

Protanomaly
496F92

Deuteranomaly
456F98

Tritanomaly
0A778A

Monochromacy



Original Color
1C7597

Achromatopsia
5E5E5E

Achromatomaly
466673

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7597 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 #1C7597 looks like.

```
.text, #text, p{  
    color:#1C7597  
}
```

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 #1C7597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7597
}
```

Border

The CSS property to change the border of an element to Hex 1C7597 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
#1C7597 }
```

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

```
.border{ border-color:#1C7597 }
```

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

Here you see how a box with a 4 pixel #1C7597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7597; -webkit-box-shadow:4px 4px  
4px 4px #1C7597; box-shadow:4px 4px 4px  
4px #1C7597 }
```

Background

The CSS property to change the background color of an element to Hex 1C7597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7597 }
```

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

```
.background{ background-color:#1C7597 }
```

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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