

Converting Colors

Hex(1C7E93)

Have a look what the booklet for
Hex(1C7E93) contains.

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Color

Hex(1C7E93)

Conversions

Conversions Part 1

Format	Color
Hex	1C7E93
RGB	28, 126, 147
RGB Percent	11%, 49%, 58%
CMY	0.8902, 0.5059, 0.4235
CMYK	0.81, 0.14, 0.00, 0.42
HSL	191°, 68%, 34%
HSV	191°, 81%, 58%
XYZ	13.2062, 17.2752, 30.2422
YIQ	99.0920, -65.1490, -14.2450

Conversions

Conversions Part 2

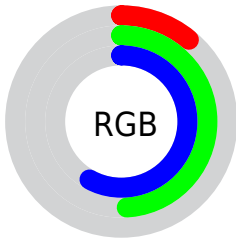
Format	Color
R_{YB}	28, 82, 147
Decimal	1867411
CIE _{Lab}	48.60, -19.50, -19.10
CIE _{LCh}	49, 27.298, 224.413
Yxy	17.2752, 0.2175, 0.2845
Android (android.graphics.Color)	4280057491 (0xFF1C7E93)
YUV	99.0920, 23.6186, -62.3477
Hunter-Lab	41.5634, -16.0200, -14.0459

Details

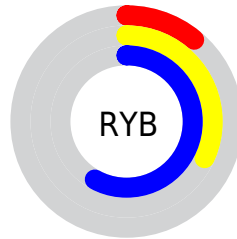
The Hex color **1C7E93** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **93311C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5EB3C9**, and **004D60** is the 20% darker color. If you saturate the color by 10%, you get **0D7B93**, and if you desaturate by 10%, it is **2B8193**.

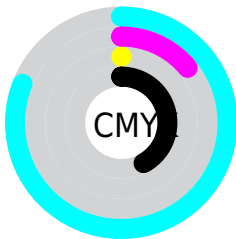
Distribution



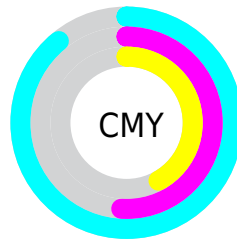
- Red (11%)
- Green (49%)
- Blue (58%)



- Red (11%)
- Yellow (32%)
- Blue (58%)



- Cyan (81%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7E93 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 1C7E93 by changing the saturation by 10% instead.

1C7E93

1C7E93

FFFFFF

006579

5EB3C9

004D60

7BC EE5

003649

98EBFF

002132

B5FFFF

00021D

D2FFFF

000000

FFFFFF

1C7E93

1C7E93

0D7B93

2B8193

■ 007993

■ 398393

■ 488693

■ 578893

■ 668B93

■ 748E93

■ 839093

■ 929393

■ A09593

Harmonies

Analogous

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



23807E



1C7E93



3E799F

Triad

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



1C7E93



996380



787646

Complementary

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



1C7E93



93311C

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.



8D6E47



1C7E93



A16269

Square

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



1C7E93



846995



9C6654



5E7C52

Rectangle

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



1C7E93



5875A1



9C6654



807345

Sweetspot

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



1C7E93



91B7BF



1C9330



455C61



E0E0E0



616161

Same Dimension

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



1C7E93



069FBF



1C4493



43494A



00718A



00080A

Inverse Universe

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



931C7E



BF069F



936B1C



4A4349



8A0071



0A0008

Previews

White Background



This preview shows how the Hex color 1C7E93 looks on a white background.

Color Contrast Check

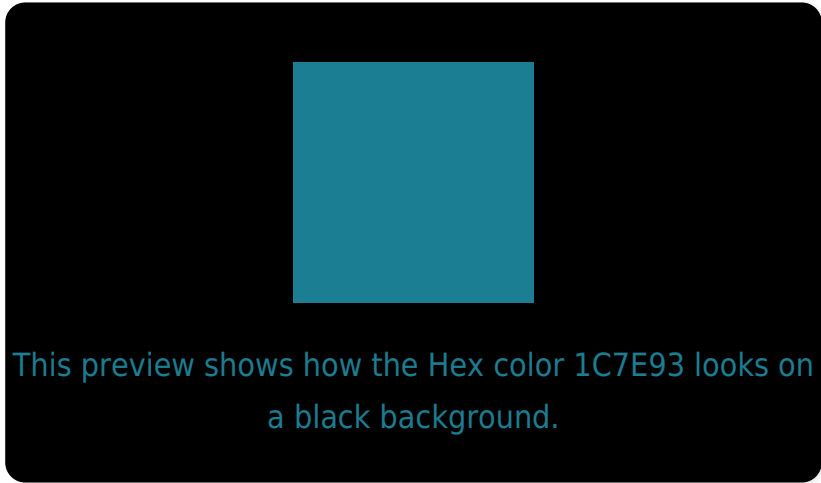
Large Text (above 18pt) WCAG AA ✓ Pass

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

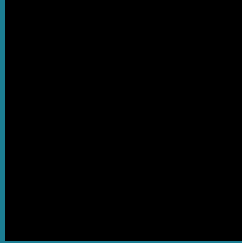
Any Text WCAG AA × Fail

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 1C7E93 Background



This preview shows how black text looks on a background with the Hex color 1C7E93.

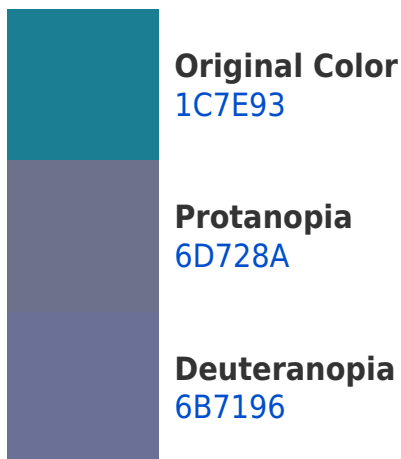


This preview shows how white text looks on a background with the Hex color 1C7E93.

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
0F808A

Trichromacy



Original Color
1C7E93

Protanomaly
50768D

Deuteranomaly
4E7695

Tritanomaly
147F8D

Monochromacy



Original Color
1C7E93

Achromatopsia
636363

Achromatomaly
496D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7E93 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 #1C7E93 looks like.

```
.text, #text, p{  
    color:#1C7E93  
}
```

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 #1C7E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7E93
}
```

Border

The CSS property to change the border of an element to Hex 1C7E93 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
#1C7E93 }
```

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

```
.border{ border-color:#1C7E93 }
```

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

Here you see how a box with a 4 pixel #1C7E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7E93; -webkit-box-shadow:4px 4px  
4px 4px #1C7E93; box-shadow:4px 4px 4px  
4px #1C7E93 }
```

Background

The CSS property to change the background color of an element to Hex 1C7E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7E93 }
```

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

```
.background{ background-color:#1C7E93 }
```

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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