

Converting Colors

Hex(2C7793)

Have a look what the booklet for
Hex(2C7793) contains.

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Color

Hex(2C7793)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C7793 |
| RGB | 44, 119, 147 |
| RGB Percent | 17%, 47%, 58% |
| CMY | 0.8275, 0.5333, 0.4235 |
| CMYK | 0.70, 0.19, 0.00, 0.42 |
| HSL | 196°, 54%, 37% |
| HSV | 196°, 70%, 58% |
| XYZ | 12.9020, 15.8357, 29.9804 |
| YIQ | 99.7670, -53.6880, -7.1920 |

Conversions

Conversions Part 2

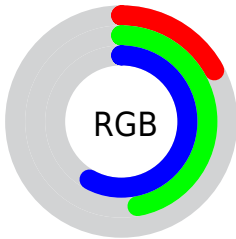
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 44, 87, 147 |
| Decimal | 2914195 |
| CIELab | 46.76, -13.54, -21.91 |
| CIElCh | 47, 25.758, 238.278 |
| Yxy | 15.8357, 0.2197, 0.2697 |
| Android (android.graphics.Color) | 4281104275 (0xFF2C7793) |
| YUV | 99.7670, 23.2859, -48.9077 |
| Hunter-Lab | 39.7941, -11.7667, -16.8124 |

Details

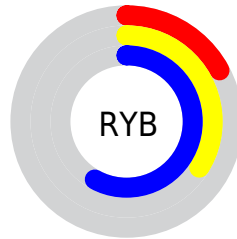
The Hex color **2C7793** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **93482C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67ABC9**, and **004760** is the 20% darker color. If you saturate the color by 10%, you get **1D7393**, and if you desaturate by 10%, it is **3B7B93**.

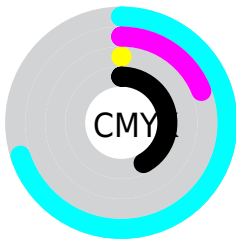
Distribution



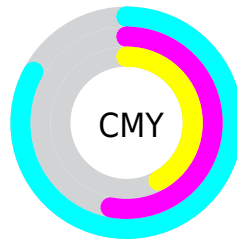
- Red (17%)
- Green (47%)
- Blue (58%)



- Red (17%)
- Yellow (34%)
- Blue (58%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (42%)



- Cyan (83%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7793 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 2C7793 by changing the saturation by 10% instead.

■ 2C7793

■ 2C7793

FFFFFF

■ 005E79

■ 67ABC9

■ 004760

■ 83C7E5

■ 003048

■ 9FE3FF

■ 001C32

■ BCFFFF

■ 00021D

■ D9FFFF

■ 000000

■ F6FFFF

■ 2C7793

■ 2C7793

■ 1D7393

■ 3B7B93

0F6F93

497F93

006B93

588393

678793

768B93

848F93

939393

A29793

B09B93

Harmonies

Analogous

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



1E7A83



2C7793



4E719A

Triad

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



2C7793



975E71



687448

Complementary

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



2C7793



93482C

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.



7F6D43



2C7793



99605B

Square

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



2C7793



896286



90664B



4F7857

Rectangle

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



2C7793



656C98



90664B



707245

Sweetspot

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



2C7793



97B4BF



2C9347



495A61



E0E0E0



616161

Same Dimension

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



2C7793



1F94BF



2C4493



43484A



00648A



00070A

Inverse Universe

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



932C77



BF1F94



937B2C



4A4348



8A0064



0A0007

Previews

White Background



This preview shows how the Hex color 2C7793 looks on a white background.

Color Contrast Check

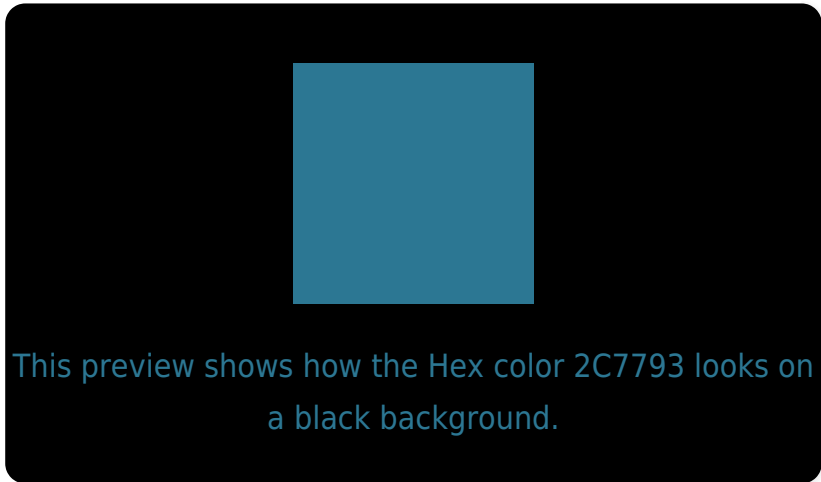
Large Text (above 18pt) WCAG AA ✓ Pass

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

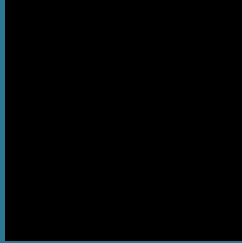
Any Text WCAG AA × Fail

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 2C7793 Background



This preview shows how black text looks on a background with the Hex color 2C7793.

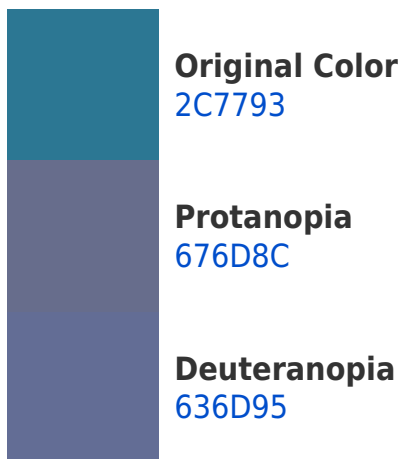


This preview shows how white text looks on a background with the Hex color 2C7793.

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](#).

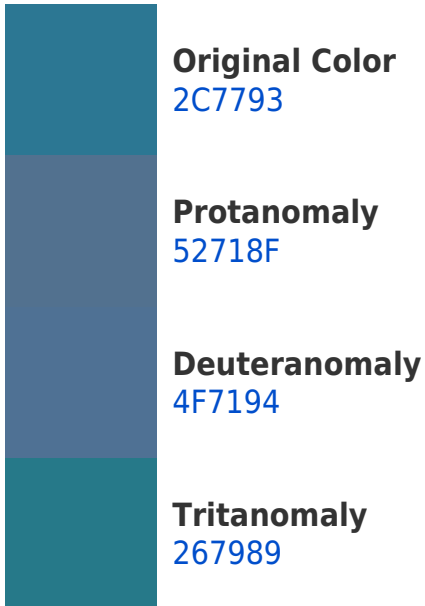
Dichromacy





Tritanopia
227A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7793 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 #2C7793 looks like.

```
.text, #text, p{  
    color:#2C7793  
}
```

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 #2C7793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7793
}
```

Border

The CSS property to change the border of an element to Hex 2C7793 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
#2C7793 }
```

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

```
.border{ border-color:#2C7793 }
```

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

Here you see how a box with a 4 pixel #2C7793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7793; -webkit-box-shadow:4px 4px  
4px 4px #2C7793; box-shadow:4px 4px 4px  
4px #2C7793 }
```

Background

The CSS property to change the background color of an element to Hex 2C7793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7793 }
```

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

```
.background{ background-color:#2C7793 }
```

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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