

Converting Colors

Hex(2C7776)

Have a look what the booklet for
Hex(2C7776) contains.

Hex(2C7776)	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(2C7776)

Conversions

Conversions Part 1

Format	Color
Hex	2C7776
RGB	44, 119, 118
RGB Percent	17%, 47%, 46%
CMY	0.8275, 0.5333, 0.5373
CMYK	0.63, 0.00, 0.01, 0.53
HSL	179°, 46%, 32%
HSV	179°, 63%, 47%
XYZ	10.9055, 15.0371, 19.4672
YIQ	96.4610, -44.3790, -16.2110

Conversions

Conversions Part 2

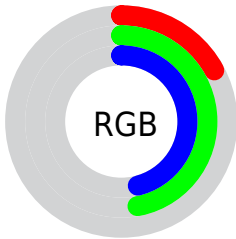
Format	Color
RYB	44, 82, 119
Decimal	2914166
CIELab	45.69, -22.92, -6.32
CIElCh	46, 23.776, 195.409
Yxy	15.0371, 0.2402, 0.3311
Android (android.graphics.Color)	4281104246 (0xFF2C7776)
YUV	96.4610, 10.6187, -46.0083
Hunter-Lab	38.7777, -17.6611, -2.6204

Details

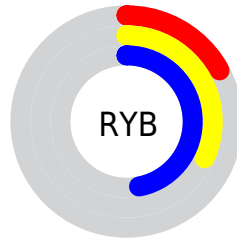
The Hex color **2C7776** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772C2D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **63ACAA**, and **004646** is the 20% darker color. If you saturate the color by 10%, you get **207776**, and if you desaturate by 10%, it is **387776**.

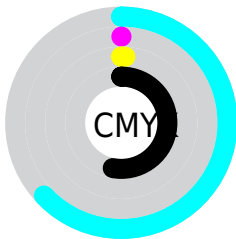
Distribution



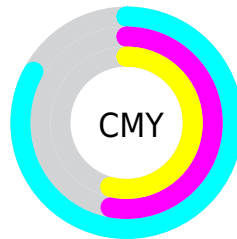
- Red (17%)
- Green (47%)
- Blue (46%)



- Red (17%)
- Yellow (32%)
- Blue (47%)



- Cyan (63%)
- Magenta (0%)
- Yellow (1%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7776 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 2C7776 by changing the saturation by 10% instead.



2C7776



2C7776

FFFFFF



065E5D



63ACAA



004646



7FC7C5



002F30



9AE3E1



001C1B



B6FFFE



000000



D3FFFF



F0FFFF



2C7776



2C7776



207776



387776

■ 147776

■ 447776

■ 087776

■ 507776

■ 007775

■ 5C7777

■ 677777

■ 737777

■ 7F7777

■ 8B7777

■ 977777

Harmonies

Analogous

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



417661



2C7776



2A7588

Triad

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



2C7776



7C6388



826846

Complementary

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



2C7776



772C2D

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.



8F6151



2C7776



8D5E77

Square

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



2C7776



616B92



945D63



6F6E45

Rectangle

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



2C7776



387390



945D63



886549

Sweetspot

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



2C7776



7E9C9B



2D772C



3D4F4F



CFCFCF



4F4F4F

Same Dimension

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



2C7776



259C9A



2C5377



353B3B



007A79



00FAF7

Inverse Universe

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



772C2D



9C2527



77502C



3B3535



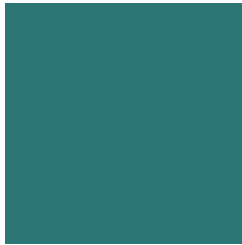
7A0002



FA0003

Previews

White Background



This preview shows how the Hex color 2C7776 looks on a white background.

Color Contrast Check

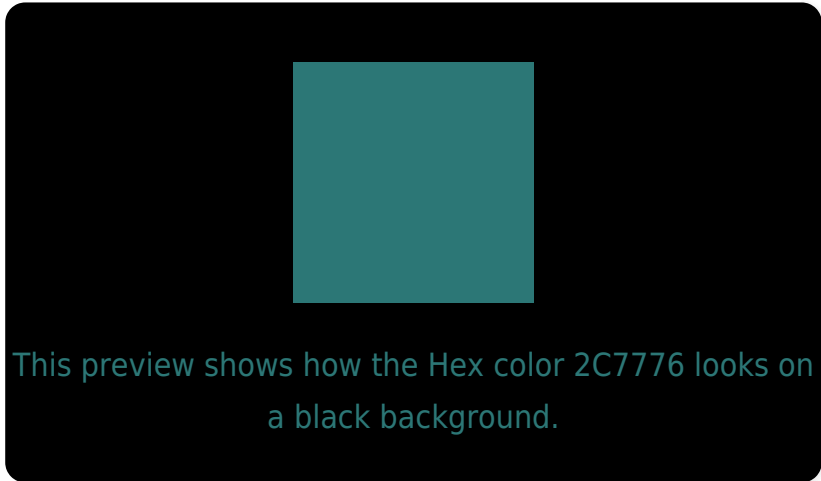
Large Text (above 18pt) WCAG AA ✓ Pass

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

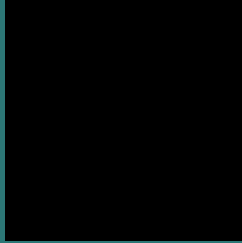
Any Text WCAG AA × Fail

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 2C7776 Background



This preview shows how black text looks on a background with the Hex color 2C7776.



This preview shows how white text looks on a background with the Hex color 2C7776.

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



Original Color
2C7776

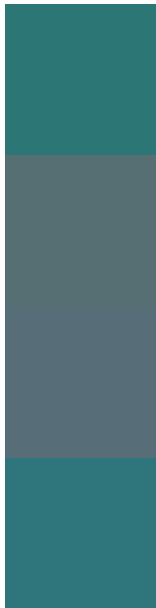
Protanopia
6D6B6F

Deuteranopia
706979



Tritanopia
30767F

Trichromacy



Original Color
2C7776

Protanomaly
556F72

Deuteranomaly
576E78

Tritanomaly
2F767C

Monochromacy



Original Color
2C7776

Achromatopsia
606060

Achromatomaly
4D6868

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7776 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 #2C7776 looks like.

```
.text, #text, p{  
    color:#2C7776  
}
```

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 #2C7776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7776
}
```

Border

The CSS property to change the border of an element to Hex 2C7776 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
#2C7776 }
```

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

```
.border{ border-color:#2C7776 }
```

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

Here you see how a box with a 4 pixel #2C7776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7776; -webkit-box-shadow:4px 4px  
4px 4px #2C7776; box-shadow:4px 4px 4px  
4px #2C7776 }
```

Background

The CSS property to change the background color of an element to Hex 2C7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7776 }
```

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

```
.background{ background-color:#2C7776 }
```

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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