

Converting Colors

Hex(2C7677)

Have a look what the booklet for
Hex(2C7677) contains.

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Color

Hex(2C7677)

Conversions

Conversions Part 1

Format	Color
Hex	2C7677
RGB	44, 118, 119
RGB Percent	17%, 46%, 47%
CMY	0.8275, 0.5373, 0.5333
CMYK	0.63, 0.01, 0.00, 0.53
HSL	181°, 46%, 32%
HSV	181°, 63%, 47%
XYZ	10.8469, 14.8242, 19.7424
YIQ	95.9880, -44.4250, -15.3770

Conversions

Conversions Part 2

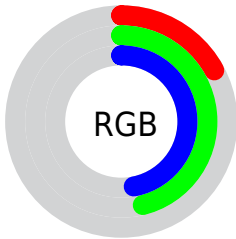
Format	Color
RYB	44, 81, 119
Decimal	2913911
CIELab	45.39, -22.10, -7.35
CIELCh	45, 23.287, 198.399
Yxy	14.8242, 0.2388, 0.3264
Android (android.graphics.Color)	4281103991 (0xFF2C7677)
YUV	95.9880, 11.3449, -45.5935
Hunter-Lab	38.5023, -17.0917, -3.4500

Details

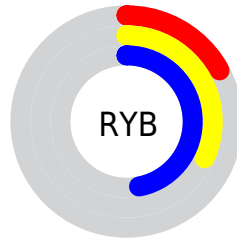
The Hex color **2C7677** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772D2C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **63AAAB**, and **004547** is the 20% darker color. If you saturate the color by 10%, you get **207677**, and if you desaturate by 10%, it is **387677**.

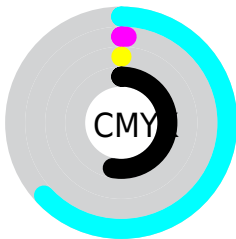
Distribution



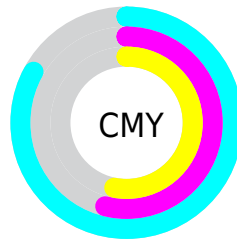
- Red (17%)
- Green (46%)
- Blue (47%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7677 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 2C7677 by changing the saturation by 10% instead.

 2C7677

 2C7677

FFFFFF

 065D5E

 63AAAB

 004547

 7FC6C6

 002E30

 9AE2E2

 001C1B

 B6FFF

 000000

 D3FFF

 F0FFF

 2C7677

 2C7677

 207677

 387677

■ 147677

■ 447677

■ 087677

■ 507677

■ 007577

■ 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.



3F7663



2C7677



2D7488

Triad

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



2C7677



7D6285



806846

Complementary

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



2C7677



772D2C

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.



8D614F



2C7677



8D5E74

Square

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



2C7677



636990



925D60



6D6E46

Rectangle

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



2C7677



3C718F



925D60



856548

Sweetspot

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



2C7677



7E9B9C



2C772C



3D4F4F



CFCFCF



4F4F4F

Same Dimension

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



2C7677



259A9C



2C5277



353B3B



00797A



00F7FA

Inverse Universe

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



772C76



9C259A



77522C



3B353B



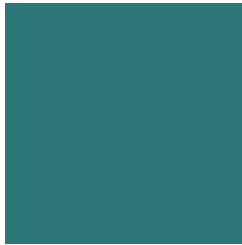
7A0079



FA00F7

Previews

White Background



This preview shows how the Hex color 2C7677 looks on a white background.

Color Contrast Check

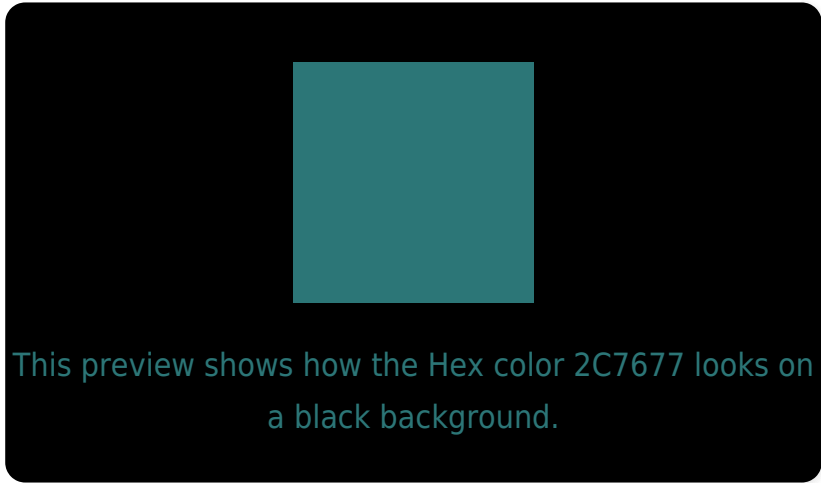
Large Text (above 18pt) WCAG AA ✓ Pass

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

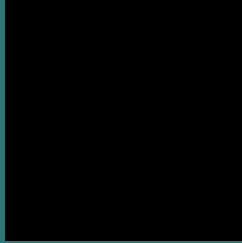
Any Text WCAG AA × Fail

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 2C7677 Background



This preview shows how black text looks on a background with the Hex color 2C7677.



This preview shows how white text looks on a background with the Hex color 2C7677.

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](#).

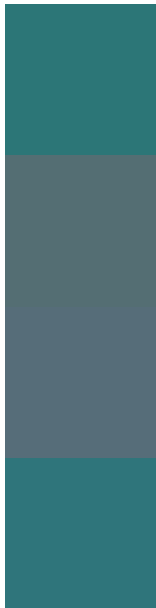
Dichromacy





Tritanopia
30757E

Trichromacy



Original Color
2C7677

Protanomaly
546E73

Deuteranomaly
566D79

Tritanomaly
2F757B

Monochromacy



Original Color
2C7677

Achromatopsia
606060

Achromatomaly
4D6868

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7677 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 #2C7677 looks like.

```
.text, #text, p{  
    color:#2C7677  
}
```

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 #2C7677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7677  
}
```

Border

The CSS property to change the border of an element to Hex 2C7677 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  
#2C7677 }
```

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

```
.border{ border-color:#2C7677 }
```

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

Here you see how a box with a 4 pixel #2C7677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7677; -webkit-box-shadow:4px 4px  
4px 4px #2C7677; box-shadow:4px 4px 4px  
4px #2C7677 }
```

Background

The CSS property to change the background color of an element to Hex 2C7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7677 }
```

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

```
.background{ background-color:#2C7677 }
```

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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