

Converting Colors

Hex(257B77)

Have a look what the booklet for
Hex(257B77) contains.

Hex(257B77)	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(257B77)

Conversions

Conversions Part 1

Format	Color
Hex	257B77
RGB	37, 123, 119
RGB Percent	15%, 48%, 47%
CMY	0.8549, 0.5176, 0.5333
CMYK	0.70, 0.00, 0.03, 0.52
HSL	177°, 54%, 31%
HSV	177°, 70%, 48%
XYZ	11.1757, 15.8911, 19.9310
YIQ	96.8300, -49.9720, -19.4760

Conversions

Conversions Part 2

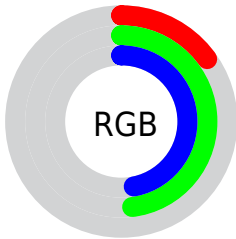
Format	Color
RYB	37, 81, 123
Decimal	2456439
CIELab	46.83, -25.87, -5.23
CIElCh	47, 26.395, 191.425
Yxy	15.8911, 0.2378, 0.3381
Android (android.graphics.Color)	4280646519 (0xFF257B77)
YUV	96.8300, 10.9298, -52.4709
Hunter-Lab	39.8637, -19.7195, -1.7392

Details

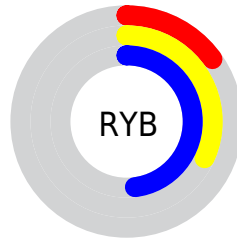
The Hex color **257B77** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B2529**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5FB0AB**, and **004A47** is the 20% darker color. If you saturate the color by 10%, you get **197B76**, and if you desaturate by 10%, it is **317B78**.

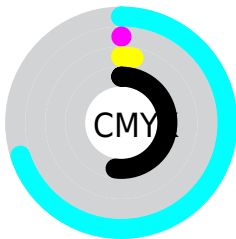
Distribution



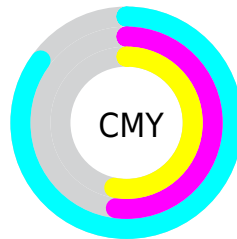
- Red (15%)
- Green (48%)
- Blue (47%)



- Red (15%)
- Yellow (32%)
- Blue (48%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257B77 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 257B77 by changing the saturation by 10% instead.

 257B77

 257B77

FFFFFF

 00625E

 5FB0AB

 004A47

 7BCCC6

 003230

 97E8E2

 001F1B

 B3FFFF

 000000


 D0FFFF

 EDFFFF

 257B77

 257B77

 197B76

 317B78

0C7B76

3E7B78

007B75

4A7B79

567B79

637B7A

6F7B7A

7B7B7B

877B7C

947B7C

Harmonies

Analogous

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



427A60



257B77



1A798C

Triad

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



257B77



7D6690



8A6945

Complementary

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



257B77



7B2529

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.



976253



257B77



92607E

Square

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



257B77



5D6E9A



9A5E67



757043

Rectangle

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



257B77



2C7795



9A5E67



8F6649

Sweetspot

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



257B77



7FA19F



297B25



3D5251



D1D1D1



525252

Same Dimension

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



257B77



1AA19A



25547B



373D3D



007D77



00FCF1

Inverse Universe

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



7B2529



A11A20



7B4C25



3D3737



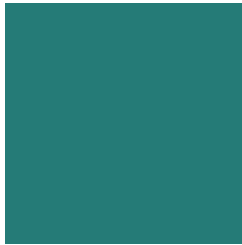
7D0006



FC000C

Previews

White Background



This preview shows how the Hex color 257B77 looks on a white background.

Color Contrast Check

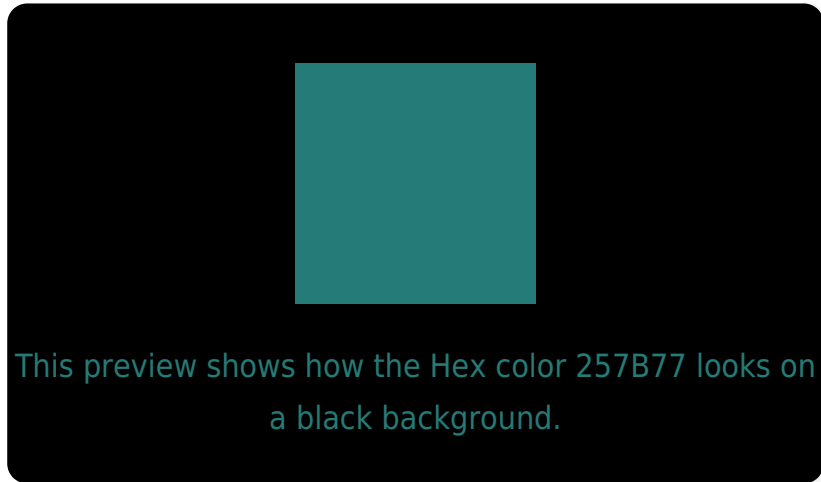
Large Text (above 18pt) WCAG AA ✓ Pass

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

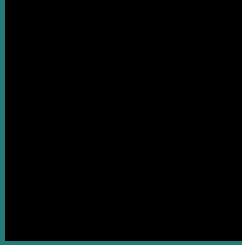
Any Text WCAG AA × Fail

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 257B77 Background



This preview shows how black text looks on a background with the Hex color 257B77.

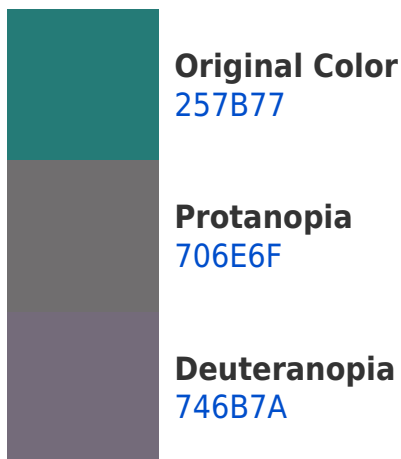


This preview shows how white text looks on a background with the Hex color 257B77.

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
257B77

Protanomaly
557372

Deuteranomaly
577179

Tritanomaly
297A7F

Monochromacy



Original Color
257B77

Achromatopsia
616161

Achromatomaly
4B6A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 257B77 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 #257B77 looks like.

```
.text, #text, p{  
    color:#257B77  
}
```

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 #257B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257B77
}
```

Border

The CSS property to change the border of an element to Hex 257B77 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
#257B77 }
```

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

```
.border{ border-color:#257B77 }
```

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

Here you see how a box with a 4 pixel #257B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257B77; -webkit-box-shadow:4px 4px  
4px 4px #257B77; box-shadow:4px 4px 4px  
4px #257B77 }
```

Background

The CSS property to change the background color of an element to Hex 257B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257B77 }
```

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

```
.background{ background-color:#257B77 }
```

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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