

Converting Colors

Hex(257E7D)

Have a look what the booklet for
Hex(257E7D) contains.

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Color

Hex(257E7D)

Conversions

Conversions Part 1

Format	Color
Hex	257E7D
RGB	37, 126, 125
RGB Percent	15%, 49%, 49%
CMY	0.8549, 0.5059, 0.5098
CMYK	0.71, 0.00, 0.01, 0.51
HSL	179°, 55%, 32%
HSV	179°, 71%, 49%
XYZ	11.9255, 16.7957, 22.0154
YIQ	99.2750, -52.7230, -19.1790

Conversions

Conversions Part 2

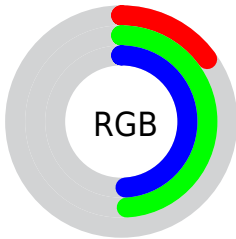
Format	Color
RYB	37, 82, 126
Decimal	2457213
CIELab	48.00, -25.56, -7.04
CIElCh	48, 26.508, 195.399
Yxy	16.7957, 0.2350, 0.3310
Android (android.graphics.Color)	4280647293 (0xFF257E7D)
YUV	99.2750, 12.6824, -54.6152
Hunter-Lab	40.9825, -19.7779, -3.1622

Details

The Hex color **257E7D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E2526**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **60B3B2**, and **004C4C** is the 20% darker color. If you saturate the color by 10%, you get **187E7D**, and if you desaturate by 10%, it is **327E7D**.

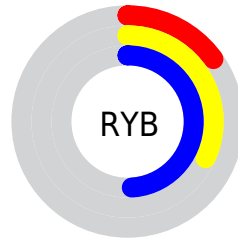
Distribution



Red (15%)

Green (49%)

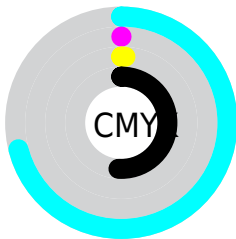
Blue (49%)



Red (15%)

Yellow (32%)

Blue (49%)

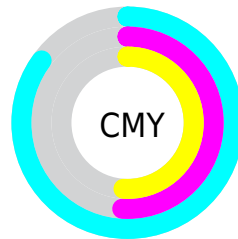


Cyan (71%)

Magenta (0%)

Yellow (1%)

Black (51%)



Cyan (85%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257E7D 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 257E7D by changing the saturation by 10% instead.

■ 257E7D

■ 257E7D

FFFFFF

■ 006564

■ 60B3B2

■ 004C4C

■ 7CCFCD

■ 003536

■ 98EBE9

■ 002120

■ B4FFFF

■ 000009

■ D1FFFF

■ 000000

■ EFFFFFF

■ 257E7D

■ 257E7D

■ 187E7D

■ 327E7D

■ 0C7E7D

■ 3E7E7D

■ 007E7D

■ 4B7E7D

■ 577E7E

■ 647E7E

■ 717E7E

■ 7D7E7E

■ 8A7E7E

■ 967E7E

Harmonies

Analogous

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



417D66



257E7D



217C91

Triad

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



257E7D



836891



8B6D47

Complementary

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



257E7D



7E2526

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.



996553



257E7D



97627E

Square

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



257E7D



65709D



9E6167



757446

Rectangle

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



257E7D



34799A



9E6167



906A4A

Sweetspot

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



257E7D



81A3A3



267E25



3D5251



D1D1D1



525252

Same Dimension

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



257E7D



18A3A2



25537E



394040



00807E



000000

Inverse Universe

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



7E2526



A3181A



7E5025



403939



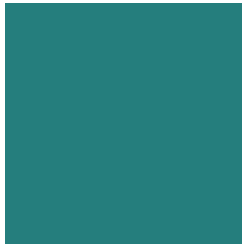
800001



000000

Previews

White Background



This preview shows how the Hex color 257E7D looks on a white background.

Color Contrast Check

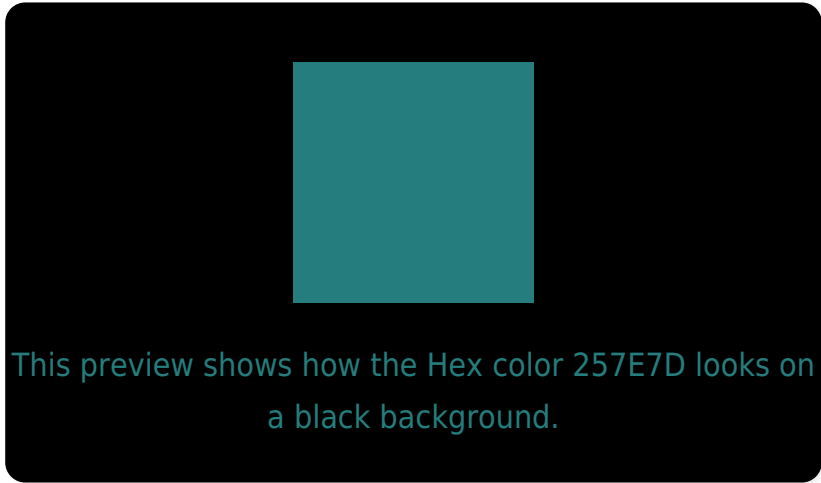
Large Text (above 18pt) WCAG AA ✓ Pass

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

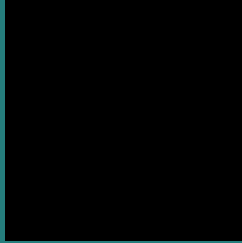
Any Text WCAG AA × Fail

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 257E7D Background



This preview shows how black text looks on a background with the Hex color 257E7D.

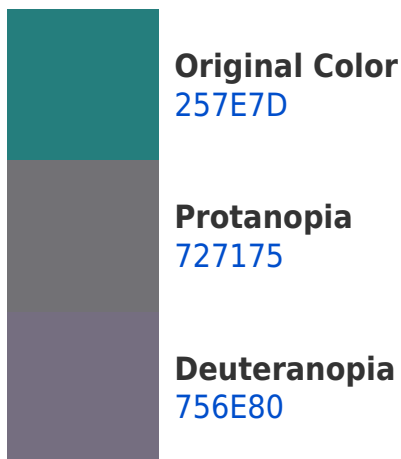


This preview shows how white text looks on a background with the Hex color 257E7D.

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
2B7D87

Trichromacy



Original Color
257E7D

Protanomaly
567678

Deuteranomaly
58747F

Tritanomaly
297D83

Monochromacy



Original Color
257E7D

Achromatopsia
636363

Achromatomaly
4C6D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 257E7D 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 #257E7D looks like.

```
.text, #text, p{  
    color:#257E7D  
}
```

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 #257E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257E7D  
}
```

Border

The CSS property to change the border of an element to Hex 257E7D 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  
#257E7D }
```

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

```
.border{ border-color:#257E7D }
```

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

Here you see how a box with a 4 pixel #257E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257E7D; -webkit-box-shadow:4px 4px  
4px 4px #257E7D; box-shadow:4px 4px 4px  
4px #257E7D }
```

Background

The CSS property to change the background color of an element to Hex 257E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257E7D }
```

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

```
.background{ background-color:#257E7D }
```

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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