

Converting Colors

Hex(257C75)

Have a look what the booklet for
Hex(257C75) contains.

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Color

Hex(257C75)

Conversions

Conversions Part 1

Format	Color
Hex	257C75
RGB	37, 124, 117
RGB Percent	15%, 49%, 46%
CMY	0.8549, 0.5137, 0.5412
CMYK	0.70, 0.00, 0.06, 0.51
HSL	175°, 54%, 32%
HSV	175°, 70%, 49%
XYZ	11.1815, 16.0930, 19.3465
YIQ	97.1890, -49.6050, -20.6210

Conversions

Conversions Part 2

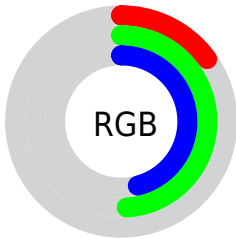
Format	Color
RYB	37, 82, 124
Decimal	2456693
CIELab	47.10, -26.97, -3.65
CIELCh	47, 27.218, 187.709
Yxy	16.0930, 0.2398, 0.3452
Android (android.graphics.Color)	4280646773 (0xFF257C75)
YUV	97.1890, 9.7668, -52.7858
Hunter-Lab	40.1160, -20.4500, -0.5122

Details

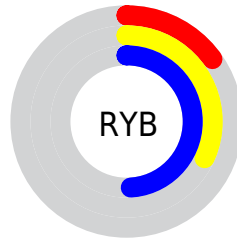
The Hex color **257C75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C252C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5FB1A9**, and **004A45** is the 20% darker color. If you saturate the color by 10%, you get **197C74**, and if you desaturate by 10%, it is **317C76**.

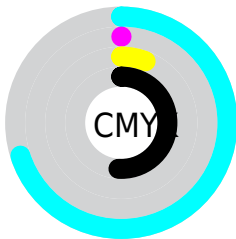
Distribution



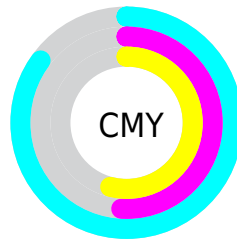
- Red (15%)
- Green (49%)
- Blue (46%)



- Red (15%)
- Yellow (32%)
- Blue (49%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257C75 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 257C75 by changing the saturation by 10% instead.

 257C75

 257C75


FFFFFF

 00635C

 5FB1A9

 004A45

 7BCDC4

 00332F

 97E9E0

 00201A

 B3FFFD

 000000

 D0FFFF

 EDFFFF

 257C75

 257C75

 197C74

 317C76

■ 0C7C73

■ 3E7C77

■ 007C72

■ 4A7C78

■ 577C79

■ 637C7A

■ 6F7C7B

■ 7C7C7C

■ 887C7D

■ 957C7E

Harmonies

Analogous

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



447B5E



257C75



117B8B

Triad

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



257C75



7A6894



8D6846

Complementary

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



257C75



7C252C

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.



9A6155



257C75



916082

Square

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



257C75



58709D



9C5E6B



797042

Rectangle

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



257C75



247896



9C5E6B



92664A

Sweetspot

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



257C75



7FA19E



2C7C25



3D5250



D1D1D1



525252

Same Dimension

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



257C75



1AA196



25587C



373D3D



007D73



00FCE8

Inverse Universe

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



7C252C



A11A25



7C4925



3D3738



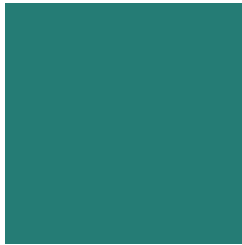
7D000A



FC0014

Previews

White Background



This preview shows how the Hex color 257C75 looks on a white background.

Color Contrast Check

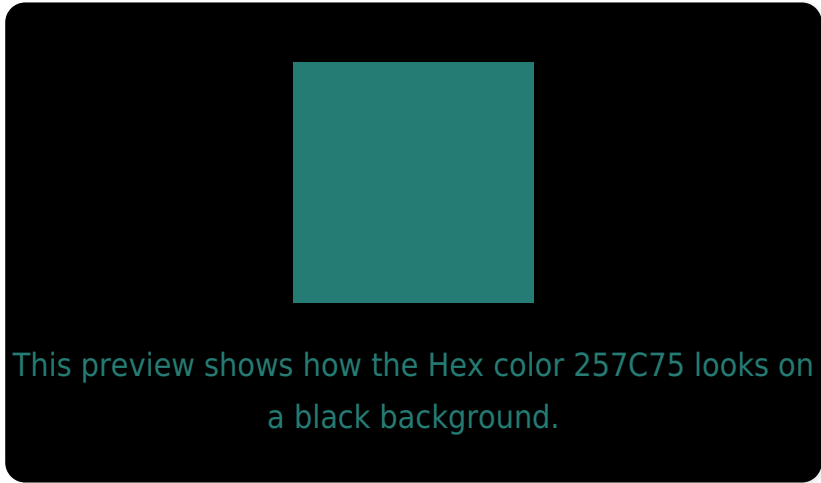
Large Text (above 18pt) WCAG AA ✓ Pass

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

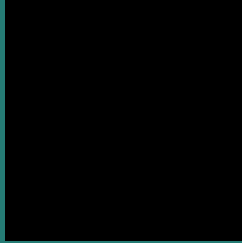
Any Text WCAG AA × Fail

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 257C75 Background



This preview shows how black text looks on a background with the Hex color 257C75.

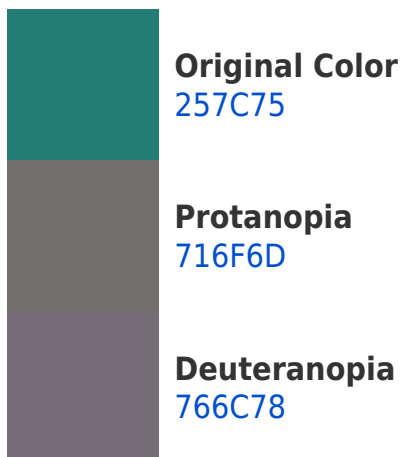



This preview shows how white text looks on a background with the Hex color 257C75.

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
2D7A84

Trichromacy



Original Color
257C75

Protanomaly
557470

Deuteranomaly
597277

Tritanomaly
2A7B7F

Monochromacy



Original Color
257C75

Achromatopsia
616161

Achromatomaly
4B6B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 257C75 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 #257C75 looks like.

```
.text, #text, p{  
    color:#257C75  
}
```

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 #257C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257C75
}
```

Border

The CSS property to change the border of an element to Hex 257C75 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
#257C75 }
```

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

```
.border{ border-color:#257C75 }
```

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

Here you see how a box with a 4 pixel #257C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257C75; -webkit-box-shadow:4px 4px  
4px 4px #257C75; box-shadow:4px 4px 4px  
4px #257C75 }
```

Background

The CSS property to change the background color of an element to Hex 257C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257C75 }
```

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

```
.background{ background-color:#257C75 }
```

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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