

Converting Colors

Hex(258C76)

Have a look what the booklet for
Hex(258C76) contains.

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Color

Hex(258C76)

Conversions

Conversions Part 1

Format	Color
Hex	258C76
RGB	37, 140, 118
RGB Percent	15%, 55%, 46%
CMY	0.8549, 0.4510, 0.5373
CMYK	0.74, 0.00, 0.16, 0.45
HSL	167°, 58%, 35%
HSV	167°, 74%, 55%
XYZ	13.4110, 20.4575, 20.3814
YIQ	106.6950, -54.3260, -28.6780

Conversions

Conversions Part 2

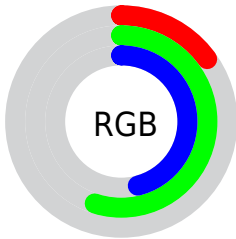
Format	Color
RYB	37, 95, 140
Decimal	2460790
CIELab	52.35, -34.31, 3.44
CIElCh	52, 34.484, 174.278
Yxy	20.4575, 0.2472, 0.3771
Android (android.graphics.Color)	4280650870 (0xFF258C76)
YUV	106.6950, 5.5734, -61.1225
Hunter-Lab	45.2300, -26.2257, 4.9439

Details

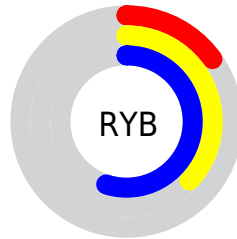
The Hex color **258C76** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8C253B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **62C2AA**, and **005946** is the 20% darker color. If you saturate the color by 10%, you get **178C73**, and if you desaturate by 10%, it is **338C79**.

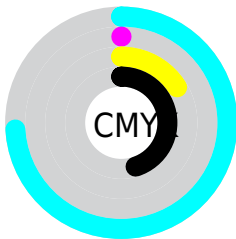
Distribution



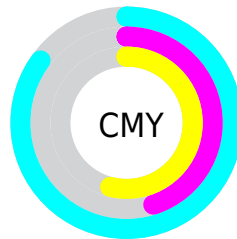
- Red (15%)
- Green (55%)
- Blue (46%)



- Red (15%)
- Yellow (37%)
- Blue (55%)



- Cyan (74%)
- Magenta (0%)
- Yellow (16%)
- Black (45%)



- Cyan (85%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 258C76 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 258C76 by changing the saturation by 10% instead.

 258C76

 258C76

FFFFFF

 00725D

 62C2AA

 005946

 7EDEC5

 004130

 9AFBE1

 002A1B

 B7FFFE

 000F00

 D4FFFF

 000000

 F2FFFF

 258C76

 258C76

 178C73

 338C79

■ 098C70

■ 418C7C

■ 008C6E

■ 4F8C7F

■ 5D8C82

■ 6B8C85

■ 798C88

■ 878C8B

■ 958C8E

■ A38C91

Harmonies

Analogous

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



548959



258C76



008C94

Triad

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



258C76



7777B3



AB6F4E

Complementary

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



258C76



8C253B

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.



B56766



258C76



9C6CA0

Square

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



258C76



4282B7



B16684



957941

Rectangle

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



258C76



008AA5



B16684



B06C55

Sweetspot

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



258C76



8DB5AD



3B8C25



445C57



DBDBDB



5C5C5C

Same Dimension

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



258C76



16B593



256F8C



3E4543



008568



000504

Inverse Universe

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



8C253B



B51638



8C4225



453E3F



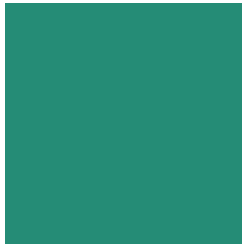
85001C



050001

Previews

White Background



This preview shows how the Hex color 258C76 looks on a white background.

Color Contrast Check

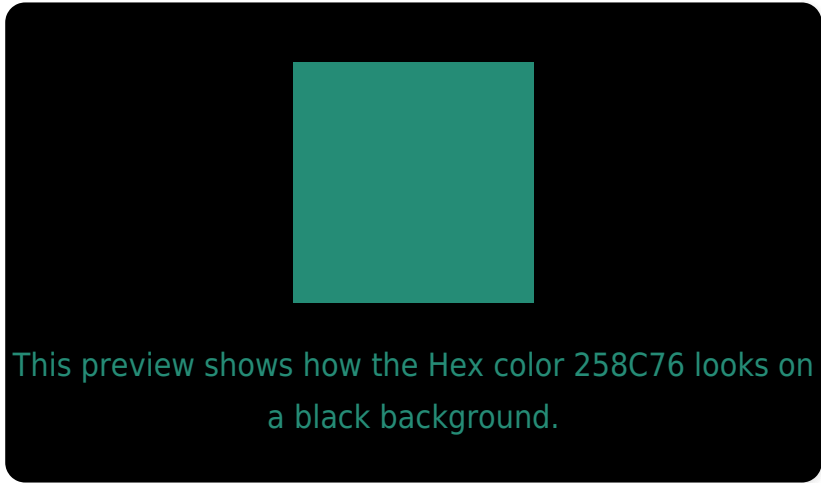
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

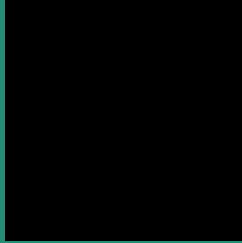
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 258C76 Background



This preview shows how black text looks on a background with the Hex color 258C76.

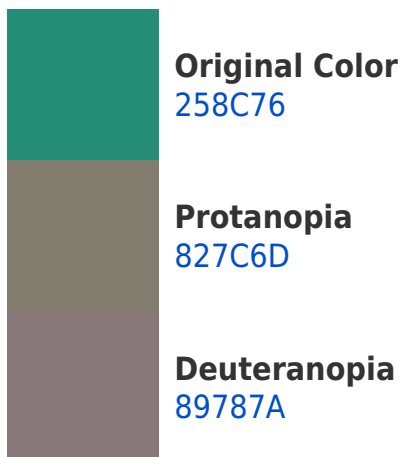


This preview shows how white text looks on a background with the Hex color 258C76.

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
358893

Trichromacy



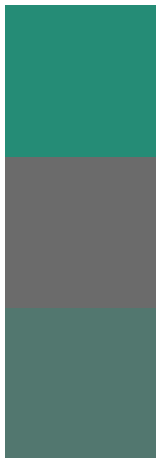
Original Color
258C76

Protanomaly
608270

Deuteranomaly
657F79

Tritanomaly
2F8988

Monochromacy



Original Color
258C76

Achromatopsia
6B6B6B

Achromatomaly
52776F

CSS Examples

Text

The CSS property to change the color of the text to Hex 258C76 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 #258C76 looks like.

```
.text, #text, p{  
    color:#258C76  
}
```

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 #258C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258C76
}
```

Border

The CSS property to change the border of an element to Hex 258C76 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
#258C76 }
```

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

```
.border{ border-color:#258C76 }
```

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

Here you see how a box with a 4 pixel #258C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258C76; -webkit-box-shadow:4px 4px  
4px 4px #258C76; box-shadow:4px 4px 4px  
4px #258C76 }
```

Background

The CSS property to change the background color of an element to Hex 258C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258C76 }
```

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

```
.background{ background-color:#258C76 }
```

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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