

# Converting Colors

Hex(258772)

Have a look what the booklet for  
Hex(258772) contains.

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# Color

Hex(258772)

# Conversions

## Conversions Part 1

Format	Color
Hex	258772
RGB	37, 135, 114
RGB Percent	15%, 53%, 45%
CMY	0.8549, 0.4706, 0.5529
CMYK	0.73, 0.00, 0.16, 0.47
HSL	167°, 57%, 34%
HSV	167°, 73%, 53%
XYZ	12.4642, 18.9362, 18.9177
YIQ	103.3040, -51.6670, -27.3070

# Conversions

## Conversions Part 2

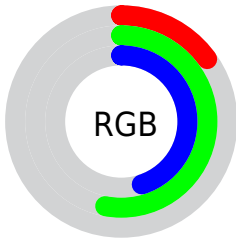
Format	Color
<a href="#">RYB</a>	<a href="#">37, 92, 135</a>
Decimal	<a href="#">2459506</a>
CIELab	<a href="#">50.61, -33.10, 3.25</a>
CIElCh	<a href="#">51, 33.255, 174.394</a>
Yxy	<a href="#">18.9362, 0.2477, 0.3763</a>
Android (android.graphics.Color)	<a href="#">4280649586 (0xFF258772)</a>
YUV	<a href="#">103.3040, 5.2731, -58.1486</a>
Hunter-Lab	<a href="#">43.5157, -25.0248, 4.6857</a>

# Details

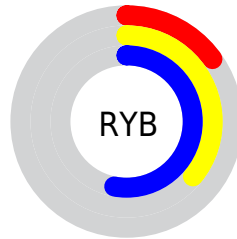
The Hex color **258772** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **87253A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **61BDA6**, and **005442** is the 20% darker color. If you saturate the color by 10%, you get **18876F**, and if you desaturate by 10%, it is **338775**.

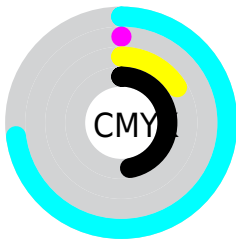
# Distribution



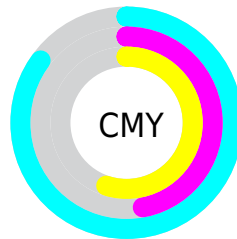
- Red (15%)
- Green (53%)
- Blue (45%)



- Red (15%)
- Yellow (36%)
- Blue (53%)



- Cyan (73%)
- Magenta (0%)
- Yellow (16%)
- Black (47%)



- Cyan (85%)
- Magenta (47%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 258772 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 258772 by changing the saturation by 10% instead.



 258772

 258772

FFFFFF

 006D5A

 61BDA6

 005442

 7DD9C1

 003C2C

 99F6DD

 002718

 B5FFF9

 000400

 D2FFFF

 000000

 F0FFFF

 258772

 258772

 18876F

 338775

■ 0A876C

■ 408778

■ 00876A

■ 4E877B

■ 5B877E

■ 698780

■ 768783

■ 848786

■ 918789

■ 9F878C

# Harmonies

## Analogous

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



528456



258772



00878F

# Triad

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



258772



7373AC



A46B4B

# Complementary

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



258772



87253A

# 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.



AF6363



258772



97699A

# Square

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



258772



417DB1



AB627F



8F753F

# Rectangle

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



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00859F



AB627F



A96852



# Sweetspot

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



258772



89B0A8



3A8725



425954



D9D9D9



595959



# Same Dimension

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



258772



17B08F



256B87



3C4241



008266



000302



# Inverse Universe

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



87253A



B01738



874125



423C3D



82001C

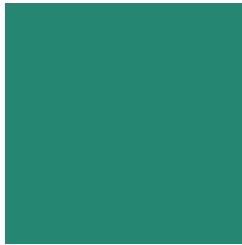


030001



# Previews

## White Background



This preview shows how the Hex color 258772 looks on a white background.

## Color Contrast Check

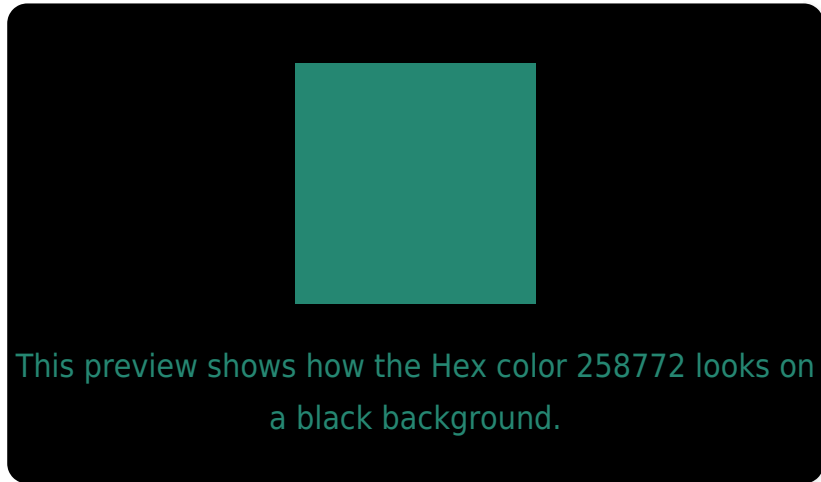
Large Text (above 18pt) WCAG AA ✓ Pass

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

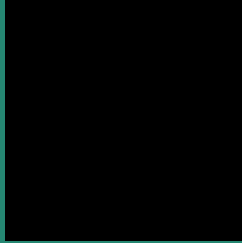
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 258772 Background



This preview shows how black text looks on a background with the Hex color 258772.

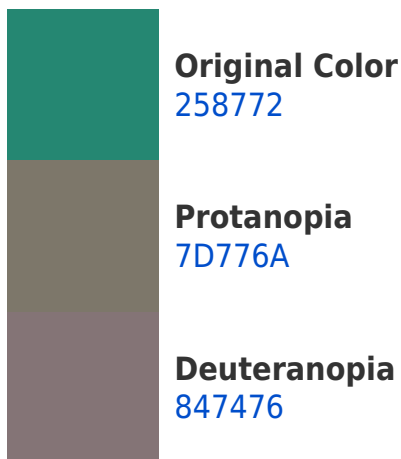


This preview shows how white text looks on a background with the Hex color 258772.

# 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**  
33838E

# Trichromacy



**Original Color**  
258772



**Protanomaly**  
5D7D6D



**Deuteranomaly**  
617B75



**Tritanomaly**  
2E8484

# Monochromacy



**Original Color**  
258772



**Achromatopsia**  
676767



**Achromatomaly**  
4F736B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 258772 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 #258772 looks like.

```
.text, #text, p{  
    color:#258772  
}
```

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 #258772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258772
}
```

## Border

The CSS property to change the border of an element to Hex 258772 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
#258772 }
```

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

```
.border{ border-color:#258772 }
```

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

Here you see how a box with a 4 pixel #258772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258772; -webkit-box-shadow:4px 4px  
4px 4px #258772; box-shadow:4px 4px 4px  
4px #258772 }
```

# Background

The CSS property to change the background color of an element to Hex 258772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258772 }
```

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

```
.background{ background-color:#258772 }
```

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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