

# Converting Colors

Hex(258876)

Have a look what the booklet for  
Hex(258876) contains.

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# Color

Hex(258876)

# Conversions

## Conversions Part 1

Format	Color
Hex	258876
RGB	37, 136, 118
RGB Percent	15%, 53%, 46%
CMY	0.8549, 0.4667, 0.5373
CMYK	0.73, 0.00, 0.13, 0.47
HSL	169°, 57%, 34%
HSV	169°, 73%, 53%
XYZ	12.8371, 19.3096, 20.1901
YIQ	104.3470, -53.2260, -26.5860

# Conversions

## Conversions Part 2

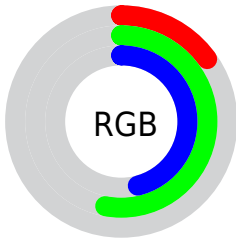
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 91, 136
Decimal	2459766
CIELab	51.05, -32.46, 1.55
CIElCh	51, 32.500, 177.265
Yxy	19.3096, 0.2453, 0.3689
Android (android.graphics.Color)	4280649846 (0xFF258876)
YUV	104.3470, 6.7309, -59.0633
Hunter-Lab	43.9427, -24.7540, 3.5183

# Details

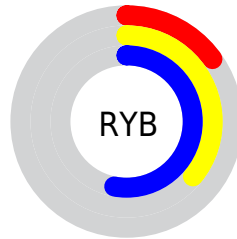
The Hex color **258876** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **882537**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **61BEAA**, and **005546** is the 20% darker color. If you saturate the color by 10%, you get **178874**, and if you desaturate by 10%, it is **338878**.

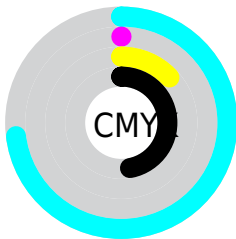
# Distribution



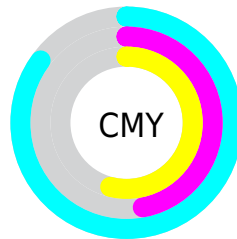
- Red (15%)
- Green (53%)
- Blue (46%)



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



- Cyan (73%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (85%)
- Magenta (47%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 258876 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 258876 by changing the saturation by 10% instead.



 258876

 258876

FFFFFF

 006E5D

 61BEAA

 005546

 7DDAC5

 003D30

 99F7E1

 00271B

 B6FFFE

 000700

 D3FFFF

 000000

 F0FFFF

 258876

 258876

 178874

 338878

■ 0A8871

■ 40887B

■ 00886F

■ 4E887D

■ 5B8880

■ 698882

■ 778885

■ 848887

■ 92888A

■ 9F888C

# Harmonies

## Analogous

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



50855B



258876



008892

# Triad

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



258876



7973AB



A36D4C

# Complementary

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



258876



882537

# 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.



AE6562



258876



9A6998

# Square

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



258876



4A7DB1



AC647D



8E7741

# Rectangle

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



258876



0086A2



AC647D



A86A52



# Sweetspot

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



258876



89B0A9



378825



425955



D9D9D9



595959



# Same Dimension

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



258876



17B094



256988



3E4544



00856C



000504



# Inverse Universe

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



882537



B01733



884425



453E3F



850018

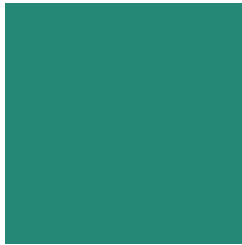


050001



# Previews

## White Background



This preview shows how the Hex color 258876 looks on a white background.

## Color Contrast Check

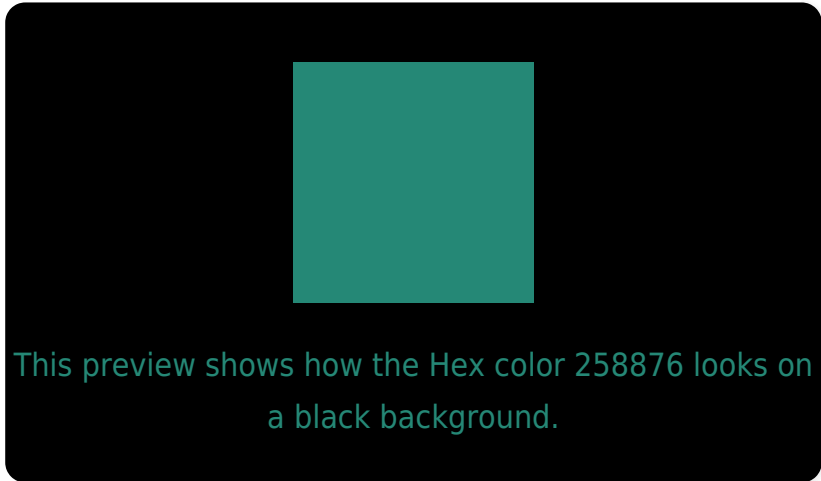
Large Text (above 18pt) WCAG AA ✓ Pass

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

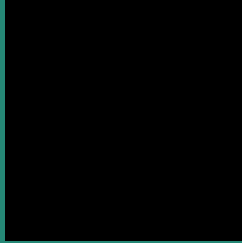
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 258876 Background



This preview shows how black text looks on a background with the Hex color 258876.

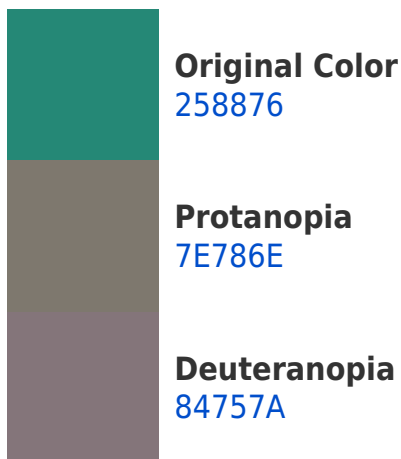


This preview shows how white text looks on a background with the Hex color 258876.

# 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**  
33848F

# Trichromacy



**Original Color**  
258876



**Protanomaly**  
5E7E71



**Deuteranomaly**  
617C79



**Tritanomaly**  
2E8586

# Monochromacy



**Original Color**  
258876



**Achromatopsia**  
686868



**Achromatomaly**  
50746D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 258876 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 #258876 looks like.

```
.text, #text, p{  
    color:#258876  
}
```

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 #258876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258876  
}
```

## Border

The CSS property to change the border of an element to Hex 258876 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  
#258876 }
```

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

```
.border{ border-color:#258876 }
```

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

Here you see how a box with a 4 pixel #258876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258876; -webkit-box-shadow:4px 4px  
4px 4px #258876; box-shadow:4px 4px 4px  
4px #258876 }
```

# Background

The CSS property to change the background color of an element to Hex 258876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258876 }
```

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

```
.background{ background-color:#258876 }
```

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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