

Converting Colors

Hex(258273)

Have a look what the booklet for
Hex(258273) contains.

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Color

Hex(258273)

Conversions

Conversions Part 1

Format	Color
Hex	258273
RGB	37, 130, 115
RGB Percent	15%, 51%, 45%
CMY	0.8549, 0.4902, 0.5490
CMYK	0.72, 0.00, 0.12, 0.49
HSL	170°, 56%, 33%
HSV	170°, 72%, 51%
XYZ	11.8401, 17.5964, 18.9921
YIQ	100.4830, -50.6130, -24.3810

Conversions

Conversions Part 2

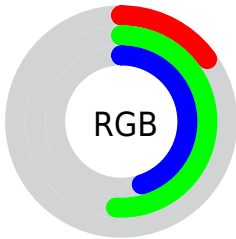
Format	Color
RYB	37, 88, 130
Decimal	2458227
CIELab	49.00, -30.47, 0.33
CIElCh	49, 30.473, 179.384
Yxy	17.5964, 0.2445, 0.3633
Android (android.graphics.Color)	4280648307 (0xFF258273)
YUV	100.4830, 7.1569, -55.6746
Hunter-Lab	41.9480, -23.0264, 2.5200

Details

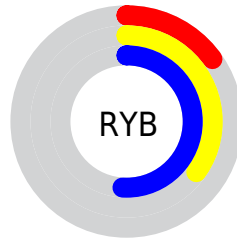
The Hex color **258273** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **822534**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **60B8A7**, and **005043** is the 20% darker color. If you saturate the color by 10%, you get **188271**, and if you desaturate by 10%, it is **328275**.

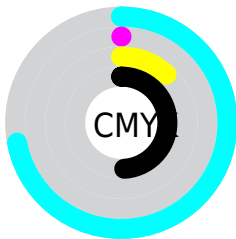
Distribution



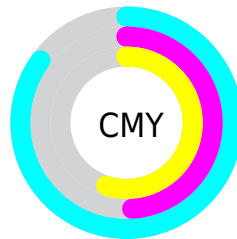
- Red (15%)
- Green (51%)
- Blue (45%)



- Red (15%)
- Yellow (35%)
- Blue (51%)



- Cyan (72%)
- Magenta (0%)
- Yellow (12%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 258273 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 258273 by changing the saturation by 10% instead.

 258273

 258273

FFFFFF

 00685A

 60B8A7

 005043

 7CD3C2

 00382D

 98F0DE

 002418

 B4FFFA

 000000

 D1FFFF

 EEEFFF

 258273

 258273

 188271

 328275

■ 0B826F

■ 3F8277

■ 00826D

■ 4C8279

■ 59827B

■ 66827D

■ 738280

■ 808282

■ 8D8284

■ 9A8286

Harmonies

Analogous

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



4C8059



258273



00828D

Triad

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



258273



766EA1



9A6A49

Complementary

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



258273



822534

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.



A5625C



258273



94658F

Square

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



258273



4C77A8



A46076



867340

Rectangle

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



258273



007F9B



A46076



9F674E

Sweetspot

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



258273



85A8A3



358225



3F5451



D4D4D4



545454

Same Dimension

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



258273



18A891



256382



39403F



00806B



000000

Inverse Universe

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



822534



A8182F



824425



40393A



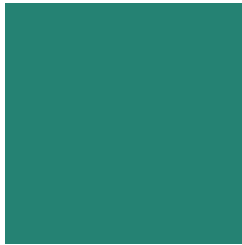
800015



000000

Previews

White Background



This preview shows how the Hex color 258273 looks on a white background.

Color Contrast Check

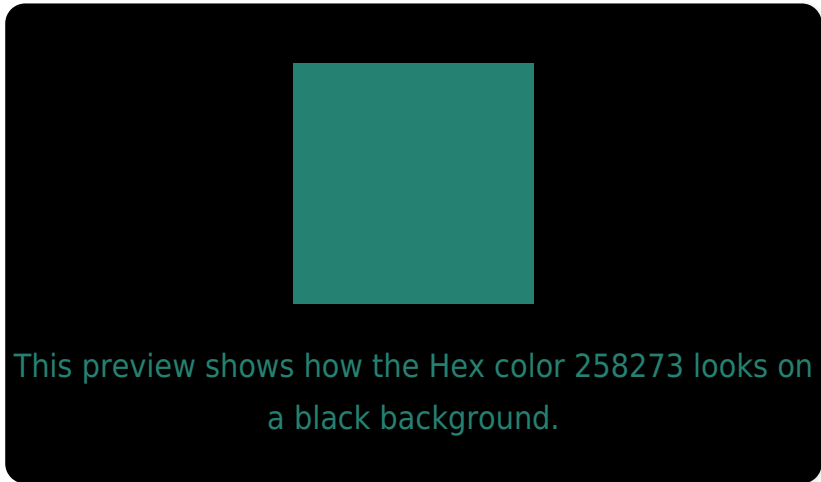
Large Text (above 18pt) WCAG AA ✓ Pass

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

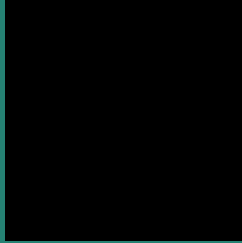
Any Text WCAG AA ✓ Pass

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 258273 Background



This preview shows how black text looks on a background with the Hex color 258273.

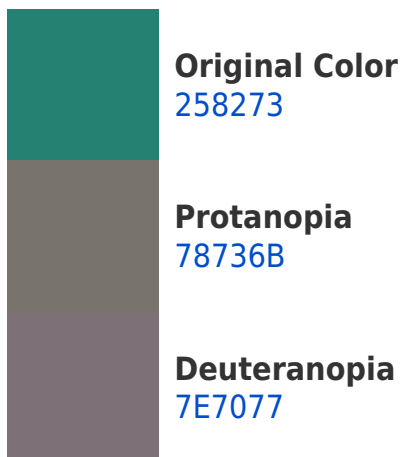


This preview shows how white text looks on a background with the Hex color 258273.

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
317F89

Trichromacy



Original Color

258273

Protanomaly

5A786E

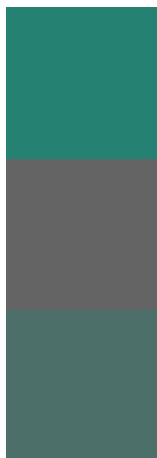
Deuteranomaly

5E7776

Tritanomaly

2D8081

Monochromacy



Original Color

258273

Achromatopsia

646464

Achromatomaly

4D6F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 258273 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 #258273 looks like.

```
.text, #text, p{  
    color:#258273  
}
```

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 #258273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258273
}
```

Border

The CSS property to change the border of an element to Hex 258273 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
#258273 }
```

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

```
.border{ border-color:#258273 }
```

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

Here you see how a box with a 4 pixel #258273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258273; -webkit-box-shadow:4px 4px  
4px 4px #258273; box-shadow:4px 4px 4px  
4px #258273 }
```

Background

The CSS property to change the background color of an element to Hex 258273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258273 }
```

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

```
.background{ background-color:#258273 }
```

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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