

Converting Colors

Hex(258F8C)

Have a look what the booklet for
Hex(258F8C) contains.

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Color

Hex(258F8C)

Conversions

Conversions Part 1

Format	Color
Hex	258F8C
RGB	37, 143, 140
RGB Percent	15%, 56%, 55%
CMY	0.8549, 0.4392, 0.4510
CMYK	0.74, 0.00, 0.02, 0.44
HSL	178°, 59%, 35%
HSV	178°, 74%, 56%
XYZ	15.3190, 21.9317, 28.2368
YIQ	110.9640, -62.2130, -23.4050

Conversions

Conversions Part 2

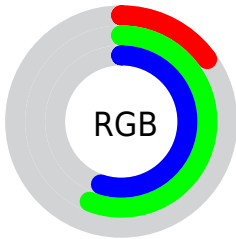
Format	Color
RYB	37, 91, 143
Decimal	2461580
CIELab	53.95, -29.42, -6.93
CIElCh	54, 30.229, 193.252
Yxy	21.9317, 0.2339, 0.3349
Android (android.graphics.Color)	4280651660 (0xFF258F8C)
YUV	110.9640, 14.3147, -64.8664
Hunter-Lab	46.8313, -23.5654, -2.9668

Details

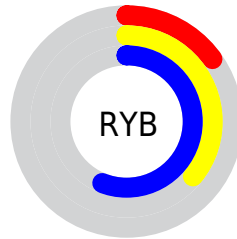
The Hex color **258F8C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F2528**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **64C5C1**, and **005C5A** is the 20% darker color. If you saturate the color by 10%, you get **178F8C**, and if you desaturate by 10%, it is **338F8C**.

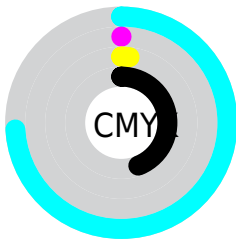
Distribution



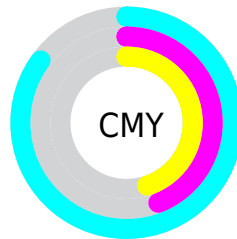
- Red (15%)
- Green (56%)
- Blue (55%)



- Red (15%)
- Yellow (36%)
- Blue (56%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (85%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 258F8C 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 258F8C by changing the saturation by 10% instead.

 258F8C

 258F8C

FFFFFF

 007573

 64C5C1

 005C5A

 81E1DD

 004443

 9EFEFA

 002D2D

 BBFFFF

 001718

 D8FFFF

 000000

 F6FFFF

 258F8C

 258F8C

 178F8C

 338F8C

088F8B

428F8D

008F8B

508F8D

5E8F8E

6D8F8E

7B8F8E

898F8F

978F8F

A68F90

Harmonies

Analogous

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



498E71



258F8C



188DA4

Triad

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



258F8C



9376A7



9F7A4F

Complementary

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



258F8C



8F2528

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.



AF725E



258F8C



AB6F91

Square

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



258F8C



6E80B3



B46D76



87834D

Rectangle

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



258F8C



338AAF



B46D76



A57753

Sweetspot

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



258F8C



91BAB9



298F25



465E5E



DEDEDE



5E5E5E

Same Dimension

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



258F8C



14BAB5



255E8F



404747



008783



000807

Inverse Universe

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



8F2528



BA1419



8F5625



474040



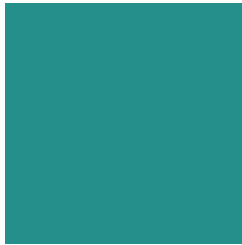
870004



080000

Previews

White Background



This preview shows how the Hex color 258F8C 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

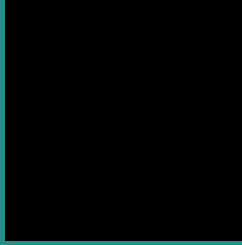
Any Text WCAG AA ✓ Pass

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 258F8C Background



This preview shows how black text looks on a background with the Hex color 258F8C.

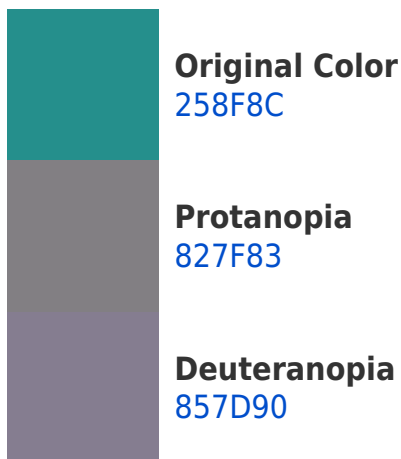


This preview shows how white text looks on a background with the Hex color 258F8C.

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
2D8D99

Trichromacy



Original Color
258F8C

Protanomaly
608586

Deuteranomaly
62848F

Tritanomaly
2A8E94

Monochromacy



Original Color
258F8C

Achromatopsia
6F6F6F

Achromatomaly
547B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 258F8C 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 #258F8C looks like.

```
.text, #text, p{  
    color:#258F8C  
}
```

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 #258F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258F8C
}
```

Border

The CSS property to change the border of an element to Hex 258F8C 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
#258F8C }
```

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

```
.border{ border-color:#258F8C }
```

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

Here you see how a box with a 4 pixel #258F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258F8C; -webkit-box-shadow:4px 4px  
4px 4px #258F8C; box-shadow:4px 4px 4px  
4px #258F8C }
```

Background

The CSS property to change the background color of an element to Hex 258F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258F8C }
```

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

```
.background{ background-color:#258F8C }
```

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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