

Converting Colors

Hex(258F70)

Have a look what the booklet for
Hex(258F70) contains.

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Color

Hex(258F70)

Conversions

Conversions Part 1

Format	Color
Hex	258F70
RGB	37, 143, 112
RGB Percent	15%, 56%, 44%
CMY	0.8549, 0.4392, 0.5608
CMYK	0.74, 0.00, 0.22, 0.44
HSL	162°, 59%, 35%
HSV	162°, 74%, 56%
XYZ	13.5100, 21.2081, 18.7108
YIQ	107.7720, -53.2250, -32.1130

Conversions

Conversions Part 2

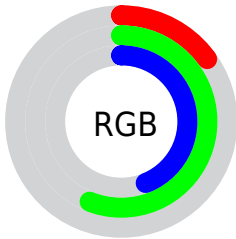
Format	Color
R_{YB}	37, 99, 143
Decimal	2461552
CIE _{Lab}	53.18, -37.23, 8.08
CIE _{LCh}	53, 38.099, 167.759
Yxy	21.2081, 0.2529, 0.3969
Android (android.graphics.Color)	4280651632 (0xFF258F70)
YUV	107.7720, 2.0844, -62.0670
Hunter-Lab	46.0522, -28.2261, 8.1474

Details

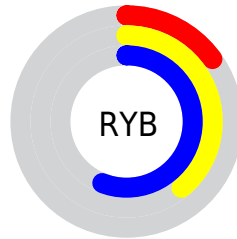
The Hex color **258F70** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2544**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **62C5A4**, and **005C40** is the 20% darker color. If you saturate the color by 10%, you get **178F6C**, and if you desaturate by 10%, it is **338F74**.

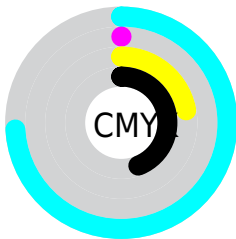
Distribution



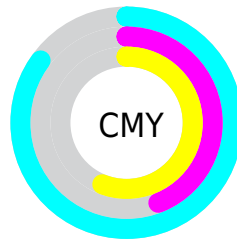
- Red (15%)
- Green (56%)
- Blue (44%)



- Red (15%)
- Yellow (39%)
- Blue (56%)



- Cyan (74%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (85%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 258F70 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 258F70 by changing the saturation by 10% instead.

 258F70

 258F70

FFFFFF

 007558

 62C5A4

 005C40

 7EE2BF

 00432A

 9BFFDB

 002C16

 B7FFF7

 001300

 D5FFFF

 000000

 F2FFFF

 258F70

 258F70

 178F6C

 338F74

■ 088F68

■ 428F78

■ 008F65

■ 508F7D

■ 5E8F81

■ 6D8F85

■ 7B8F89

■ 898F8D

■ 978F91

■ A68F96

Harmonies

Analogous

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



5A8B51



258F70



009092

Triad

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



258F70



6C7CBD



B46D50

Complementary

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



258F70



8F2544

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.



BD656D



258F70



9A6FAB

Square

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



258F70



2186BF



B5658E



9E783E

Rectangle

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



258F70



008EA6



B5658E



B96959

Sweetspot

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



258F70



91BAAE



458F25



465E57



DEDEDE



5E5E5E

Same Dimension

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



258F70



14BA8A



257A8F



404745



008760



000805

Inverse Universe

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



8F2544



BA1445



8F3A25



474042



870028



080002

Previews

White Background



This preview shows how the Hex color 258F70 looks on a white background.

Color Contrast Check

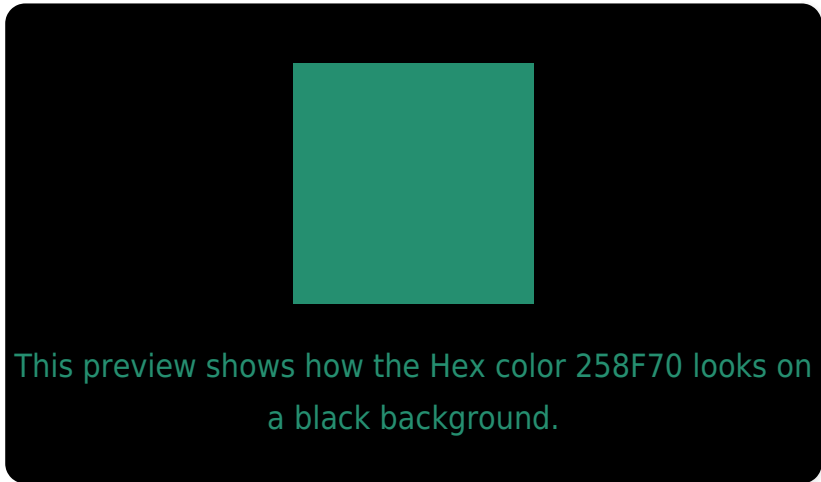
Large Text (above 18pt) WCAG AA ✓ Pass

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

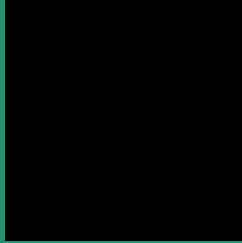
Any Text WCAG AA ✓ Pass

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 258F70 Background



This preview shows how black text looks on a background with the Hex color 258F70.



This preview shows how white text looks on a background with the Hex color 258F70.

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



Original Color
258F70

Protanopia
857E68

Deuteranopia
8E7A75



Tritanopia
388A95

Trichromacy



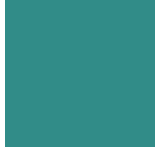
Original Color
258F70



Protanomaly
62846B



Deuteranomaly
688273



Tritanomaly
318C88

Monochromacy



Original Color
258F70



Achromatopsia
6C6C6C



Achromatomaly
52796D

CSS Examples

Text

The CSS property to change the color of the text to Hex 258F70 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 #258F70 looks like.

```
.text, #text, p{  
    color:#258F70  
}
```

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 #258F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258F70
}
```

Border

The CSS property to change the border of an element to Hex 258F70 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
#258F70 }
```

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

```
.border{ border-color:#258F70 }
```

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

Here you see how a box with a 4 pixel #258F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258F70; -webkit-box-shadow:4px 4px  
4px 4px #258F70; box-shadow:4px 4px 4px  
4px #258F70 }
```

Background

The CSS property to change the background color of an element to Hex 258F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258F70 }
```

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

```
.background{ background-color:#258F70 }
```

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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