

Converting Colors

Hex(218F6F)

Have a look what the booklet for
Hex(218F6F) contains.

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Color

Hex(218F6F)

Conversions

Conversions Part 1

Format	Color
Hex	218F6F
RGB	33, 143, 111
RGB Percent	13%, 56%, 44%
CMY	0.8706, 0.4392, 0.5647
CMYK	0.77, 0.00, 0.22, 0.44
HSL	163°, 62%, 35%
HSV	163°, 77%, 56%
XYZ	13.3189, 21.1160, 18.4127
YIQ	106.4620, -55.2880, -33.2720

Conversions

Conversions Part 2

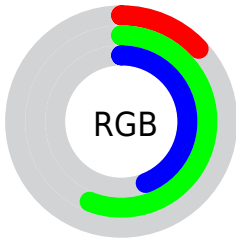
Format	Color
R_{YB}	33, 97, 143
Decimal	2199407
CIE _{Lab}	53.08, -38.04, 8.50
CIE _{LCh}	53, 38.975, 167.406
Yxy	21.1160, 0.2520, 0.3996
Android (android.graphics.Color)	4280389487 (0xFF218F6F)
YUV	106.4620, 2.2372, -64.4262
Hunter-Lab	45.9521, -28.6792, 8.4093

Details

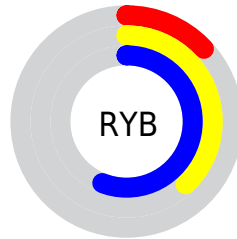
The Hex color **218F6F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2141**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C6A3**, and **005C3F** is the 20% darker color. If you saturate the color by 10%, you get **138F6B**, and if you desaturate by 10%, it is **2F8F73**.

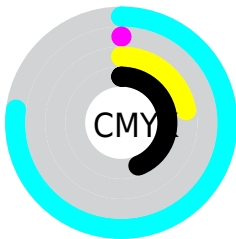
Distribution



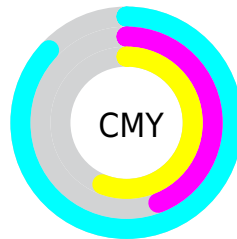
- Red (13%)
- Green (56%)
- Blue (44%)



- Red (13%)
- Yellow (38%)
- Blue (56%)



- Cyan (77%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218F6F 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 218F6F by changing the saturation by 10% instead.

 218F6F

 218F6F

FFFFFF

 007557

 60C6A3

 005C3F

 7CE2BE

 004329

 99FFDA

 002C15

 B5FFF6

 001300

 D3FFFF

 000000

 F0FFFF

 218F6F

 218F6F

 138F6B

 2F8F73

■ 048F67

■ 3E8F77

■ 008F65

■ 4C8F7B

■ 5A8F80

■ 688F84

■ 778F88

■ 858F8C

■ 938F90

■ A28F94

Harmonies

Analogous

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



5A8B50



218F6F



009092

Triad

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



218F6F



6B7BBF



B56C4F

Complementary

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



218F6F



8F2141

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.



BE646C



218F6F



9A6EAC

Square

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



218F6F



1786C0



B6658E



9F783C

Rectangle

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



218F6F



008FA6



B6658E



BA6858

Sweetspot

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



218F6F



8FBAAE



428F21



445E57



DEDEDE



5E5E5E

Same Dimension

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



218F6F



0FBA88



21798F



404745



008760



000805

Inverse Universe

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



8F2141



BA0F41



8F3721



474042



870027



080002

Previews

White Background



This preview shows how the Hex color 218F6F looks on a white background.

Color Contrast Check

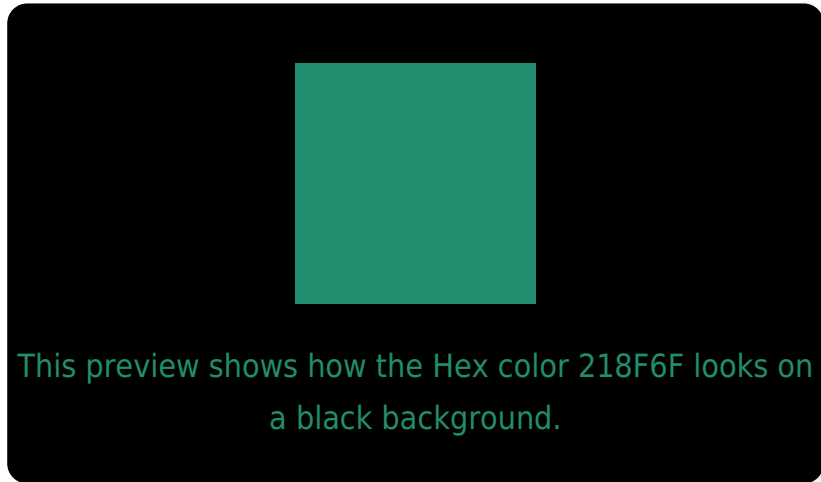
Large Text (above 18pt) WCAG AA ✓ Pass

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

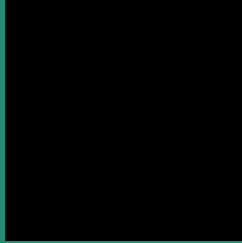
Any Text WCAG AA ✓ Pass

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 218F6F Background



This preview shows how black text looks on a background with the Hex color 218F6F.

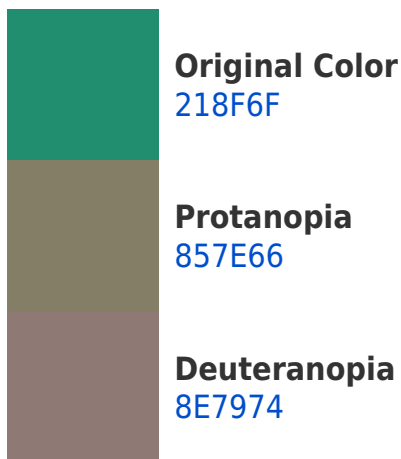


This preview shows how white text looks on a background with the Hex color 218F6F.

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
368A95

Trichromacy



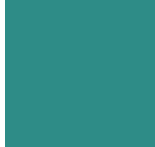
Original Color
218F6F



Protanomaly
618469



Deuteranomaly
668172



Tritanomaly
2E8C87

Monochromacy



Original Color
218F6F



Achromatopsia
6A6A6A



Achromatomaly
4F776C

CSS Examples

Text

The CSS property to change the color of the text to Hex 218F6F 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 #218F6F looks like.

```
.text, #text, p{  
    color:#218F6F  
}
```

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 #218F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218F6F
}
```

Border

The CSS property to change the border of an element to Hex 218F6F 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
#218F6F }
```

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

```
.border{ border-color:#218F6F }
```

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

Here you see how a box with a 4 pixel #218F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218F6F; -webkit-box-shadow:4px 4px  
4px 4px #218F6F; box-shadow:4px 4px 4px  
4px #218F6F }
```

Background

The CSS property to change the background color of an element to Hex 218F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218F6F }
```

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

```
.background{ background-color:#218F6F }
```

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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