

# Converting Colors

Hex(218F6C)

Have a look what the booklet for  
Hex(218F6C) contains.

<b>Hex(218F6C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(218F6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	218F6C
RGB	33, 143, 108
RGB Percent	13%, 56%, 42%
CMY	0.8706, 0.4392, 0.5765
CMYK	0.77, 0.00, 0.24, 0.44
HSL	161°, 62%, 35%
HSV	161°, 77%, 56%
XYZ	13.1564, 21.0510, 17.5572
YIQ	106.1200, -54.3250, -34.2050

# Conversions

## Conversions Part 2

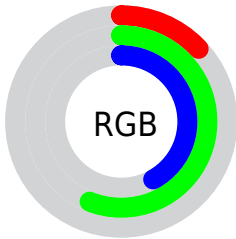
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 98, 143
Decimal	2199404
CIELab	53.01, -38.79, 10.12
CIELCh	53, 40.089, 165.384
Yxy	21.0510, 0.2542, 0.4067
Android (android.graphics.Color)	4280389484 (0xFF218F6C)
YUV	106.1200, 0.9268, -64.1262
Hunter-Lab	45.8813, -29.1076, 9.4287

# Details

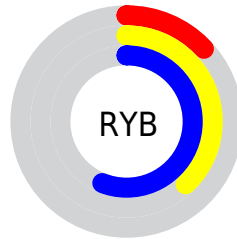
The Hex color **218F6C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2144**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60C69F**, and **005C3D** is the 20% darker color. If you saturate the color by 10%, you get **138F67**, and if you desaturate by 10%, it is **2F8F71**.

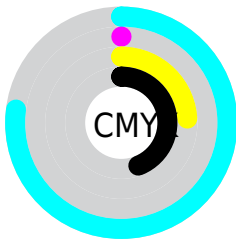
# Distribution



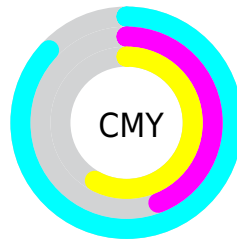
- Red (13%)
- Green (56%)
- Blue (42%)



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



- Cyan (77%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 218F6C 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 218F6C by changing the saturation by 10% instead.



 218F6C

 218F6C

FFFFFF

 007554

 60C69F

 005C3D

 7CE2BA

 004327

 99FFD6

 002C12

 B5FFF3

 001200

 D2FFFF

 000000

 F0FFFF

 218F6C

 218F6C

 138F67

 2F8F71

■ 048F63

■ 3E8F75

■ 008F61

■ 4C8F7A

■ 5A8F7E

■ 688F83

■ 778F87

■ 858F8C

■ 938F90

■ A28F95

# Harmonies

## Analogous

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



5B8A4C



218F6C



009090

# Triad

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



218F6C



657CC1



B86A4F

# Complementary

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



218F6C



8F2144

# 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.



C0626E



218F6C



986FAF

# Square

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



218F6C



0087C1



B66491



A1773B

# Rectangle

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



218F6C



008FA5



B66491



BC6758



# Sweetspot

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



218F6C



8FBAAD



468F21



445E56



DEDEDE



5E5E5E



# Same Dimension

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



218F6C



0FBA84



217D8F



404745



00875C



000805



# Inverse Universe

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



8F2144



BA0F45



8F3321



474043



87002B



080002



# Previews

## White Background



This preview shows how the Hex color 218F6C looks on a white background.

## Color Contrast Check

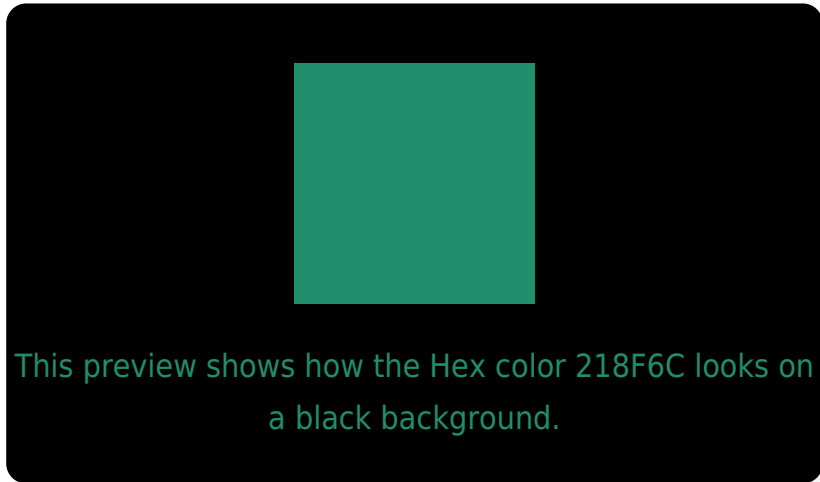
Large Text (above 18pt) WCAG AA ✓ Pass

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

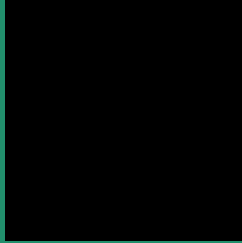
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 218F6C Background



This preview shows how black text looks on a background with the Hex color 218F6C.

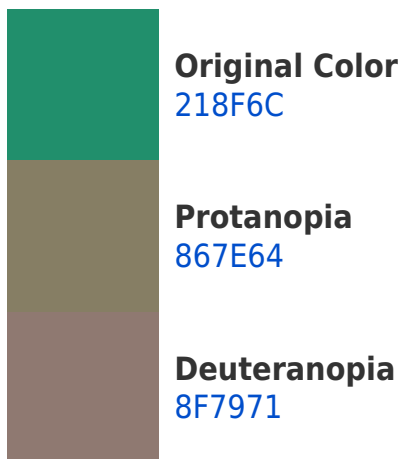


This preview shows how white text looks on a background with the Hex color 218F6C.

# 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**  
378A95

# Trichromacy



**Original Color**  
218F6C



**Protanomaly**  
618467



**Deuteranomaly**  
67816F



**Tritanomaly**  
2F8C86

# Monochromacy



**Original Color**  
218F6C



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
4F776B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 218F6C 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 #218F6C looks like.

```
.text, #text, p{  
    color:#218F6C  
}
```

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 #218F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218F6C
}
```

## Border

The CSS property to change the border of an element to Hex 218F6C 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
#218F6C }
```

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

```
.border{ border-color:#218F6C }
```

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

Here you see how a box with a 4 pixel #218F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218F6C; -webkit-box-shadow:4px 4px  
4px 4px #218F6C; box-shadow:4px 4px 4px  
4px #218F6C }
```

# Background

The CSS property to change the background color of an element to Hex 218F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218F6C }
```

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

```
.background{ background-color:#218F6C }
```

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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