

Converting Colors

Hex(218D7F)

Have a look what the booklet for
Hex(218D7F) contains.

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Color

Hex(218D7F)

Conversions

Conversions Part 1

Format	Color
Hex	218D7F
RGB	33, 141, 127
RGB Percent	13%, 55%, 50%
CMY	0.8706, 0.4471, 0.5020
CMYK	0.77, 0.00, 0.10, 0.45
HSL	172°, 62%, 34%
HSV	172°, 77%, 55%
XYZ	13.9828, 20.9054, 23.3768
YIQ	107.1120, -59.8740, -27.2500

Conversions

Conversions Part 2

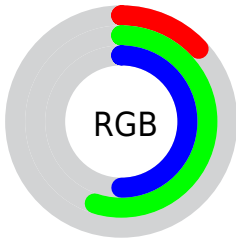
Format	Color
RYB	33, 91, 141
Decimal	2198911
CIELab	52.85, -32.80, -1.06
CIELCh	53, 32.816, 181.849
Yxy	20.9054, 0.2400, 0.3588
Android (android.graphics.Color)	4280388991 (0xFF218D7F)
YUV	107.1120, 9.8048, -64.9962
Hunter-Lab	45.7224, -25.4253, 1.6920

Details

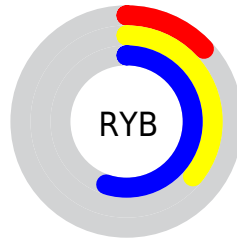
The Hex color **218D7F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8D212F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **60C3B4**, and **005A4E** is the 20% darker color. If you saturate the color by 10%, you get **138D7D**, and if you desaturate by 10%, it is **2F8D81**.

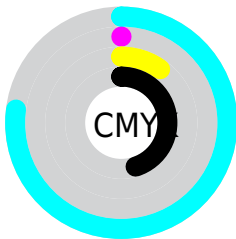
Distribution



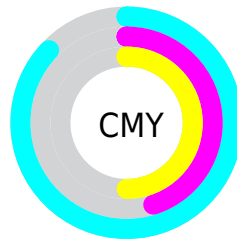
- Red (13%)
- Green (55%)
- Blue (50%)



- Red (13%)
- Yellow (36%)
- Blue (55%)



- Cyan (77%)
- Magenta (0%)
- Yellow (10%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218D7F 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 218D7F by changing the saturation by 10% instead.

 218D7F

 218D7F

FFFFFF

 007366

 60C3B4

 005A4E

 7DDFCF

 004237

 9AFCEB

 002B22

 B6FFFF

 00120C

 D4FFFF

 000000

 F1FFFF

 218D7F

 218D7F

 138D7D

 2F8D81

■ 058D7B

■ 3D8D83

■ 008D7B

■ 4B8D84

■ 598D86

■ 688D88

■ 768D8A

■ 848D8C

■ 928D8E

■ A08D8F

Harmonies

Analogous

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



4F8B63



218D7F



008C9B

Triad

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



218D7F



8376AE



A6734D

Complementary

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



218D7F



8D212F

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.



B36B62



218D7F



A36C99

Square

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



218D7F



5680B6



B3687D



8F7D45

Rectangle

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



218D7F



008AAA



B3687D



AB7053

Sweetspot

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



218D7F



8DB8B2



2F8D21



425C58



DBDBDB



5C5C5C

Same Dimension

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



218D7F



0FB8A2



21658D



404746



008776



000807

Inverse Universe

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



8D212F



B80F25



8D4921



474041



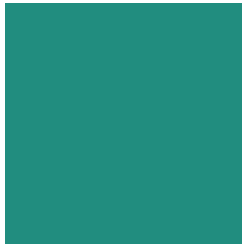
870012



080001

Previews

White Background



This preview shows how the Hex color 218D7F looks on a white background.

Color Contrast Check

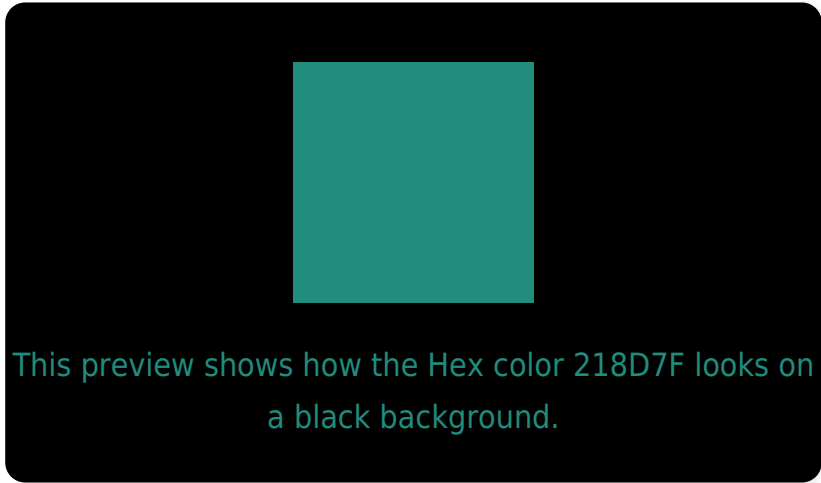
Large Text (above 18pt) WCAG AA ✓ Pass

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

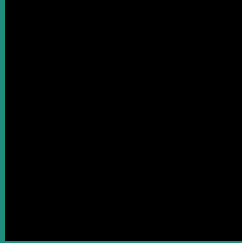
Any Text WCAG AA ✓ Pass

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 218D7F Background



This preview shows how black text looks on a background with the Hex color 218D7F.

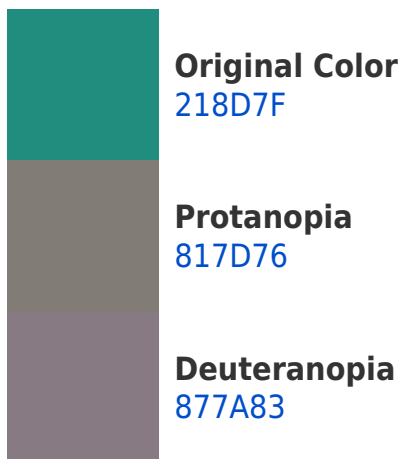


This preview shows how white text looks on a background with the Hex color 218D7F.

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
2F8A95

Trichromacy



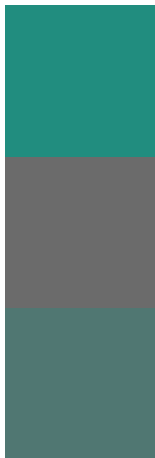
Original Color
218D7F

Protanomaly
5E8379

Deuteranomaly
628182

Tritanomaly
2A8B8D

Monochromacy



Original Color
218D7F

Achromatopsia
6B6B6B

Achromatomaly
507772

CSS Examples

Text

The CSS property to change the color of the text to Hex 218D7F 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 #218D7F looks like.

```
.text, #text, p{  
  color:#218D7F  
}
```

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 #218D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218D7F
}
```

Border

The CSS property to change the border of an element to Hex 218D7F 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
#218D7F }
```

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

```
.border{ border-color:#218D7F }
```

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

Here you see how a box with a 4 pixel #218D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218D7F; -webkit-box-shadow:4px 4px  
4px 4px #218D7F; box-shadow:4px 4px 4px  
4px #218D7F }
```

Background

The CSS property to change the background color of an element to Hex 218D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218D7F }
```

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

```
.background{ background-color:#218D7F }
```

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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