

Converting Colors

Hex(208A7F)

Have a look what the booklet for
Hex(208A7F) contains.

Hex(208A7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(208A7F)

Conversions

Conversions Part 1

Format	Color
Hex	208A7F
RGB	32, 138, 127
RGB Percent	13%, 54%, 50%
CMY	0.8745, 0.4588, 0.5020
CMYK	0.77, 0.00, 0.08, 0.46
HSL	174°, 62%, 33%
HSV	174°, 77%, 54%
XYZ	13.5149, 20.0163, 23.2299
YIQ	105.0520, -59.6450, -25.8930

Conversions

Conversions Part 2

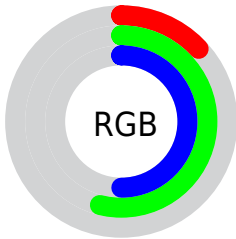
Format	Color
R_{YB}	32, 88, 138
Decimal	2132607
CIE _{Lab}	51.86, -31.51, -2.51
CIE _{LCh}	52, 31.609, 184.562
Yxy	20.0163, 0.2381, 0.3526
Android (android.graphics.Color)	4280322687 (0xFF208A7F)
YUV	105.0520, 10.8204, -64.0666
Hunter-Lab	44.7396, -24.3732, 0.5329

Details

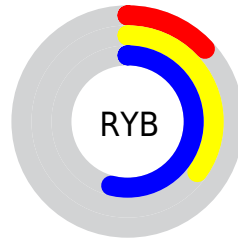
The Hex color **208A7F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8A202B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC0B4**, and **00574E** is the 20% darker color. If you saturate the color by 10%, you get **128A7E**, and if you desaturate by 10%, it is **2E8A80**.

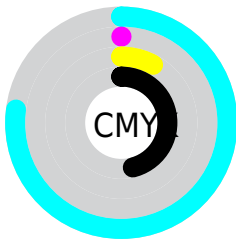
Distribution



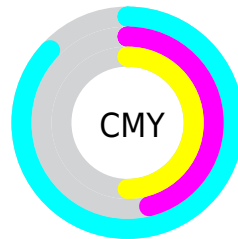
- Red (13%)
- Green (54%)
- Blue (50%)



- Red (13%)
- Yellow (35%)
- Blue (54%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (46%)



- Cyan (87%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 208A7F 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 208A7F by changing the saturation by 10% instead.

 208A7F

 208A7F

FFFFFF

 007066

 5FC0B4

 00574E

 7CDCCF

 003F37

 98F9EB

 002922

 B5FFFF

 000D0C

 D2FFFF

 000000

 F0FFFF

 208A7F

 208A7F

 128A7E

 2E8A80

■ 048A7C

■ 3C8A82

■ 008A7C

■ 498A83

■ 578A85

■ 658A86

■ 738A88

■ 818A89

■ 8E8A8A

■ 9C8A8C

Harmonies

Analogous

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



4B8863



208A7F



008999

Triad

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



208A7F



8473A8



A0724B

Complementary

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



208A7F



8A202B

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.



AE6A5E



208A7F



A16A93

Square

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



208A7F



5A7DB1



AF6678



897B45

Rectangle

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



208A7F



0986A7



AF6678



A66F50

Sweetspot

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



208A7F



89B3AE



2C8A20



405957



D9D9D9



595959

Same Dimension

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



208A7F



0EB3A1



20618A



3E4544



008577



000505

Inverse Universe

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



8A202B



B30E1F



8A4920



453E3F



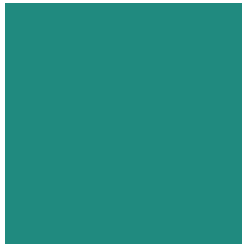
85000E



050001

Previews

White Background



This preview shows how the Hex color 208A7F looks on a white background.

Color Contrast Check

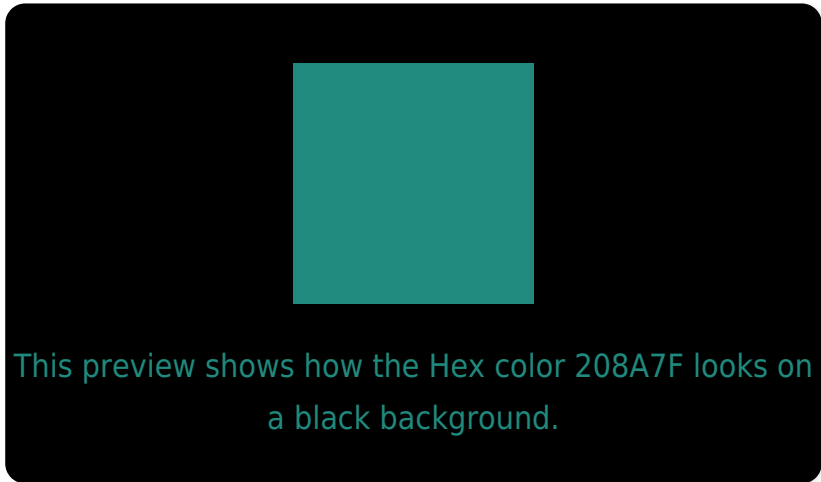
Large Text (above 18pt) WCAG AA ✓ Pass

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

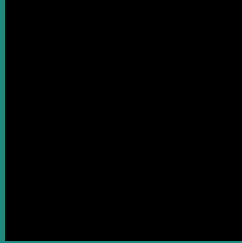
Any Text WCAG AA ✓ Pass

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 208A7F Background



This preview shows how black text looks on a background with the Hex color 208A7F.

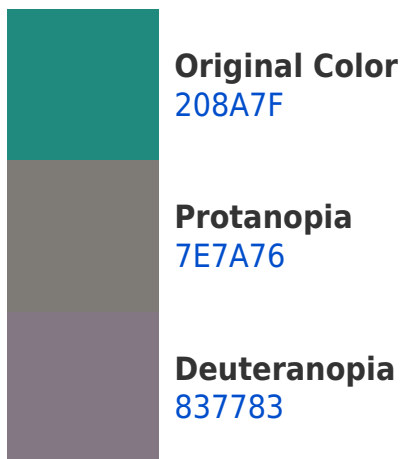


This preview shows how white text looks on a background with the Hex color 208A7F.

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
2D8792

Trichromacy



Original Color
208A7F



Protanomaly
5C8079



Deuteranomaly
5F7E82



Tritanomaly
28888B

Monochromacy



Original Color
208A7F



Achromatopsia
696969



Achromatomaly
4E7571

CSS Examples

Text

The CSS property to change the color of the text to Hex 208A7F 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 #208A7F looks like.

```
.text, #text, p{  
    color:#208A7F  
}
```

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 #208A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208A7F
}
```

Border

The CSS property to change the border of an element to Hex 208A7F 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
#208A7F }
```

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

```
.border{ border-color:#208A7F }
```

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

Here you see how a box with a 4 pixel #208A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208A7F; -webkit-box-shadow:4px 4px  
4px 4px #208A7F; box-shadow:4px 4px 4px  
4px #208A7F }
```

Background

The CSS property to change the background color of an element to Hex 208A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208A7F }
```

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

```
.background{ background-color:#208A7F }
```

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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