

Converting Colors

Hex(208980)

Have a look what the booklet for
Hex(208980) contains.

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Color

Hex(208980)

Conversions

Conversions Part 1

Format	Color
Hex	208980
RGB	32, 137, 128
RGB Percent	13%, 54%, 50%
CMY	0.8745, 0.4627, 0.4980
CMYK	0.77, 0.00, 0.07, 0.46
HSL	175°, 62%, 33%
HSV	175°, 77%, 54%
XYZ	13.4376, 19.7569, 23.5273
YIQ	104.5790, -59.6910, -25.0590

Conversions

Conversions Part 2

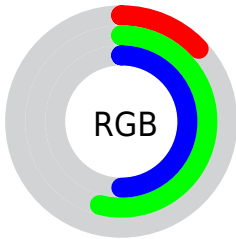
Format	Color
RYB	32, 87, 137
Decimal	2132352
CIELab	51.56, -30.74, -3.53
CIELCh	52, 30.940, 186.551
Yxy	19.7569, 0.2369, 0.3483
Android (android.graphics.Color)	4280322432 (0xFF208980)
YUV	104.5790, 11.5466, -63.6518
Hunter-Lab	44.4487, -23.8217, -0.2689

Details

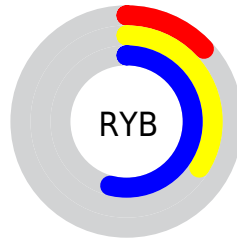
The Hex color **208980** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **892029**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FBFB5**, and **00564F** is the 20% darker color. If you saturate the color by 10%, you get **12897F**, and if you desaturate by 10%, it is **2E8981**.

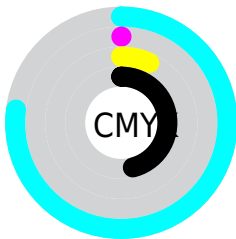
Distribution



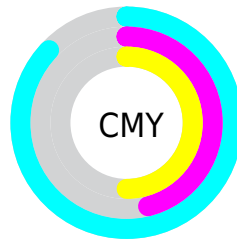
- Red (13%)
- Green (54%)
- Blue (50%)



- Red (13%)
- Yellow (34%)
- Blue (54%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 208980 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 208980 by changing the saturation by 10% instead.

 208980

 208980

FFFFFF

 006F67

 5FBFB5

 00564F

 7CDBD0

 003E38

 98F8EC

 002823

 B5FFFF

 000B0E

 D2FFFF

 000000

 F0FFFF

 208980

 208980

 12897F

 2E8981

■ 05897E

■ 3B8982

■ 00897D

■ 498984

■ 578985

■ 648986

■ 728987

■ 808988

■ 8E8989

■ 9B898B

Harmonies

Analogous

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



498765



208980



00889A

Triad

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



208980



8572A5



9D724B

Complementary

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



208980



892029

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.



AC6A5D



208980



A16990

Square

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



208980



5D7CAF



AE6676



867B46

Rectangle

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



208980



1785A6



AE6676



A36F50

Sweetspot

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



208980



89B3AF



2B8920



405957



D9D9D9



595959

Same Dimension

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



208980



0EB3A4



205F89



3E4544



008579



000505

Inverse Universe

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



892029



B30E1C



894A20



453E3F



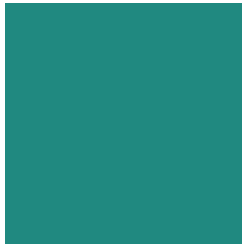
85000B



050000

Previews

White Background



This preview shows how the Hex color 208980 looks on a white background.

Color Contrast Check

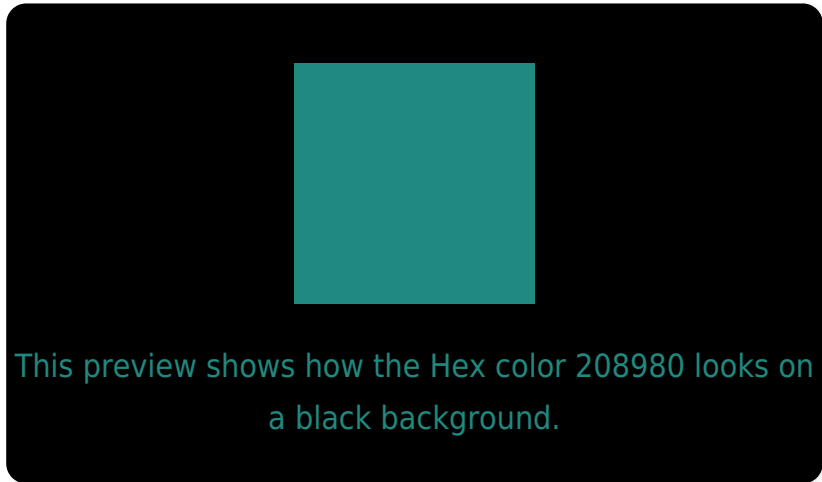
Large Text (above 18pt) WCAG AA ✓ Pass

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

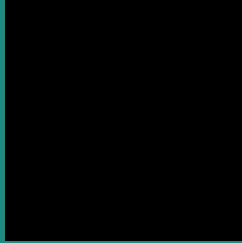
Any Text WCAG AA ✓ Pass

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 208980 Background



This preview shows how black text looks on a background with the Hex color 208980.

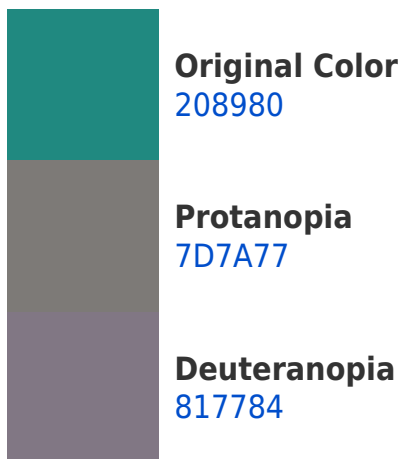



This preview shows how white text looks on a background with the Hex color 208980.

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
2C8691

Trichromacy



Original Color
208980



Protanomaly
5B7F7A



Deuteranomaly
5E7E83



Tritanomaly
28878B

Monochromacy



Original Color
208980



Achromatopsia
696969



Achromatomaly
4E7571

CSS Examples

Text

The CSS property to change the color of the text to Hex 208980 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 #208980 looks like.

```
.text, #text, p{  
    color:#208980  
}
```

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 #208980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208980
}
```

Border

The CSS property to change the border of an element to Hex 208980 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
#208980 }
```

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

```
.border{ border-color:#208980 }
```

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

Here you see how a box with a 4 pixel #208980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208980; -webkit-box-shadow:4px 4px  
4px 4px #208980; box-shadow:4px 4px 4px  
4px #208980 }
```

Background

The CSS property to change the background color of an element to Hex 208980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208980 }
```

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

```
.background{ background-color:#208980 }
```

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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