

Converting Colors

Hex(208970)

Have a look what the booklet for
Hex(208970) contains.

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Color

Hex(208970)

Conversions

Conversions Part 1

Format	Color
Hex	208970
RGB	32, 137, 112
RGB Percent	13%, 54%, 44%
CMY	0.8745, 0.4627, 0.5608
CMYK	0.77, 0.00, 0.18, 0.46
HSL	166°, 62%, 33%
HSV	166°, 77%, 54%
XYZ	12.4660, 19.3682, 18.4107
YIQ	102.7550, -54.5550, -30.0350

Conversions

Conversions Part 2

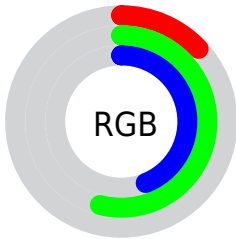
Format	Color
RYB	32, 92, 137
Decimal	2132336
CIELab	51.12, -35.25, 5.12
CIELCh	51, 35.622, 171.734
Yxy	19.3682, 0.2481, 0.3855
Android (android.graphics.Color)	4280322416 (0xFF208970)
YUV	102.7550, 4.5578, -62.0521
Hunter-Lab	44.0094, -26.4551, 6.0035

Details

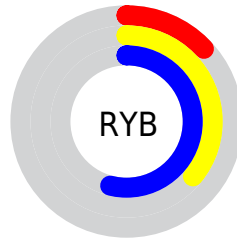
The Hex color **208970** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **892039**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5EBFA4**, and **005640** is the 20% darker color. If you saturate the color by 10%, you get **12896D**, and if you desaturate by 10%, it is **2E8973**.

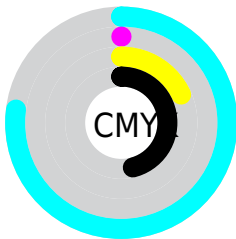
Distribution



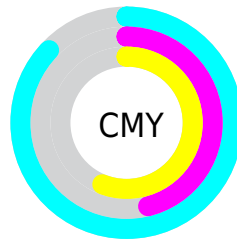
- Red (13%)
- Green (54%)
- Blue (44%)



- Red (13%)
- Yellow (36%)
- Blue (54%)



- Cyan (77%)
- Magenta (0%)
- Yellow (18%)
- Black (46%)



- Cyan (87%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 208970 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 208970 by changing the saturation by 10% instead.

 208970

 208970

FFFFFF

 006F58

 5EBFA4

 005640

 7ADBBF

 003E2A

 97F8DB

 002816

 B3FFF7

 000800

 D0FFFF

 000000

 EEEFFF

 208970

 208970

 12896D

 2E8973

■ 058969

■ 3B8977

■ 008968

■ 49897A

■ 57897D

■ 648980

■ 728984

■ 808987

■ 8E898A

■ 9B898D

Harmonies

Analogous

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



538653



208970



00898F

Triad

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



208970



7075B2



AA6A4B

Complementary

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



208970



892039

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.



B46265



208970



976AA0

Square

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



208970



347FB6



AE6283



94753D

Rectangle

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



208970



0088A1



AE6283



AF6753

Sweetspot

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



208970



89B3A9



3A8920



405953



D9D9D9



595959

Same Dimension

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



208970



0EB38B



206F89



3E4543



008565



000504

Inverse Universe

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



892039



B30E35



893A20



453E40



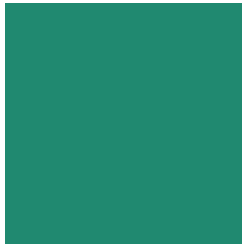
850020



050001

Previews

White Background



This preview shows how the Hex color 208970 looks on a white background.

Color Contrast Check

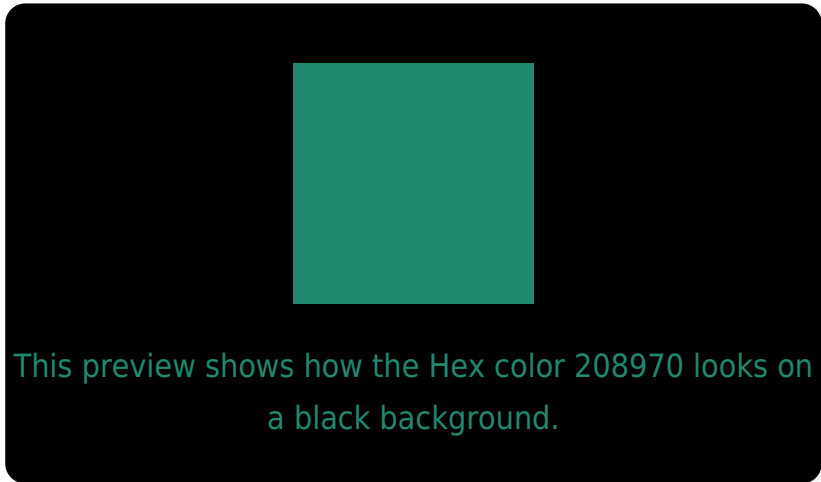
Large Text (above 18pt) WCAG AA ✓ Pass

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

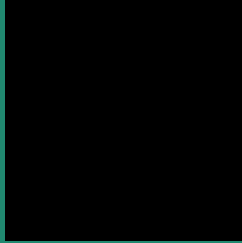
Any Text WCAG AA ✓ Pass

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 208970 Background



This preview shows how black text looks on a background with the Hex color 208970.

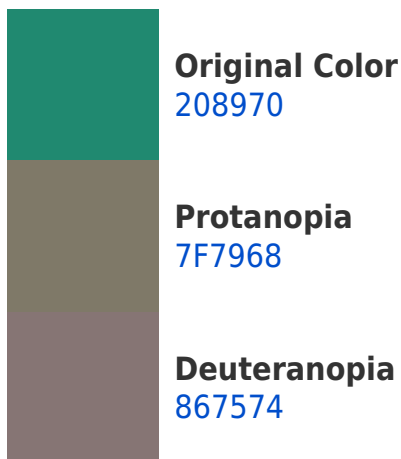


This preview shows how white text looks on a background with the Hex color 208970.

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
32858F

Trichromacy



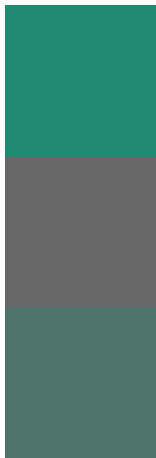
Original Color
208970

Protanomaly
5C7F6B

Deuteranomaly
617C73

Tritanomaly
2B8684

Monochromacy



Original Color
208970

Achromatopsia
676767

Achromatomaly
4D736A

CSS Examples

Text

The CSS property to change the color of the text to Hex 208970 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 #208970 looks like.

```
.text, #text, p{  
    color:#208970  
}
```

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 #208970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208970
}
```

Border

The CSS property to change the border of an element to Hex 208970 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
#208970 }
```

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

```
.border{ border-color:#208970 }
```

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

Here you see how a box with a 4 pixel #208970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208970; -webkit-box-shadow:4px 4px  
4px 4px #208970; box-shadow:4px 4px 4px  
4px #208970 }
```

Background

The CSS property to change the background color of an element to Hex 208970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208970 }
```

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

```
.background{ background-color:#208970 }
```

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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