

Converting Colors

Hex(208C77)

Have a look what the booklet for
Hex(208C77) contains.

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Color

Hex(208C77)

Conversions

Conversions Part 1

Format	Color
Hex	208C77
RGB	32, 140, 119
RGB Percent	13%, 55%, 47%
CMY	0.8745, 0.4510, 0.5333
CMYK	0.77, 0.00, 0.15, 0.45
HSL	168°, 63%, 34%
HSV	168°, 77%, 55%
XYZ	13.3035, 20.3952, 20.6883
YIQ	105.3140, -57.6270, -29.4270

Conversions

Conversions Part 2

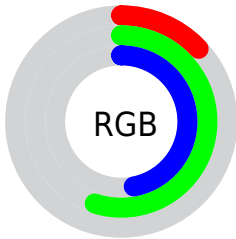
Format	Color
RYB	32, 92, 140
Decimal	2133111
CIELab	52.28, -34.71, 2.75
CIElCh	52, 34.819, 175.475
Yxy	20.3952, 0.2446, 0.3750
Android (android.graphics.Color)	4280323191 (0xFF208C77)
YUV	105.3140, 6.7472, -64.2964
Hunter-Lab	45.1610, -26.4492, 4.4519

Details

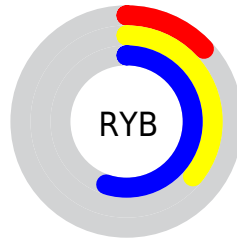
The Hex color **208C77** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8C2035**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC2AB**, and **005947** is the 20% darker color. If you saturate the color by 10%, you get **128C74**, and if you desaturate by 10%, it is **2E8C7A**.

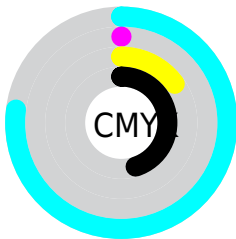
Distribution



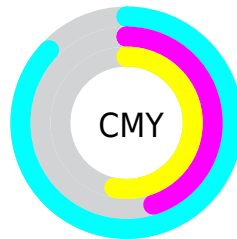
- Red (13%)
- Green (55%)
- Blue (47%)



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



- Cyan (77%)
- Magenta (0%)
- Yellow (15%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 208C77 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 208C77 by changing the saturation by 10% instead.

 208C77

 208C77

FFFFFF

 00725E

 5FC2AB

 005947

 7CDEC6

 004130

 98FBE2

 002A1C

 B5FFFF

 000F01

 D2FFFF

 000000

 EFFFFFF

 208C77

 208C77

 128C74

 2E8C7A

■ 048C72

■ 3C8C7C

■ 008C71

■ 4A8C7F

■ 588C82

■ 668C85

■ 748C87

■ 828C8A

■ 908C8D

■ 9E8C90

Harmonies

Analogous

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



52895A



208C77



008C95

Triad

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



208C77



7977B3



AA6F4C

Complementary

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



208C77



8C2035

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.



B56665



208C77



9E6C9F

Square

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



208C77



4381B8



B26582



937940

Rectangle

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



208C77



008AA6



B26582



AF6C53

Sweetspot

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



208C77



8BB5AD



368C20



425C57



DBDBDB



5C5C5C

Same Dimension

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



208C77



0DB594



206C8C



3E4544



00856B



000504

Inverse Universe

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



8C2035



B50D2D



8C4020



453E3F



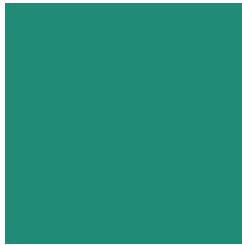
85001A



050001

Previews

White Background



This preview shows how the Hex color 208C77 looks on a white background.

Color Contrast Check

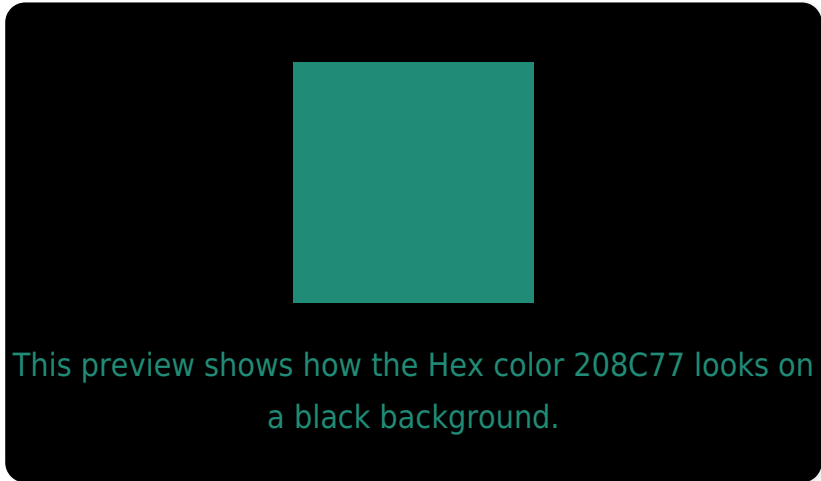
Large Text (above 18pt) WCAG AA ✓ Pass

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

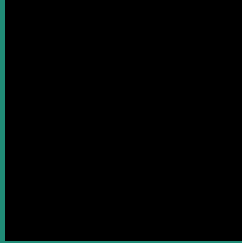
Any Text WCAG AA ✓ Pass

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 208C77 Background



This preview shows how black text looks on a background with the Hex color 208C77.

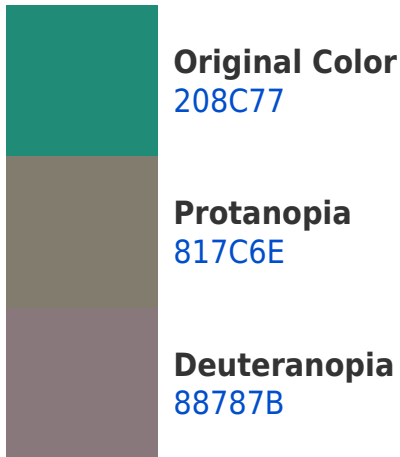


This preview shows how white text looks on a background with the Hex color 208C77.

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
318893

Trichromacy



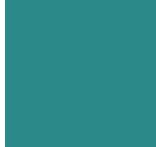
Original Color
208C77



Protanomaly
5E8271



Deuteranomaly
627F7A



Tritanomaly
2B8989

Monochromacy



Original Color
208C77



Achromatopsia
696969



Achromatomaly
4E766E

CSS Examples

Text

The CSS property to change the color of the text to Hex 208C77 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 #208C77 looks like.

```
.text, #text, p{  
    color:#208C77  
}
```

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 #208C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208C77
}
```

Border

The CSS property to change the border of an element to Hex 208C77 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
#208C77 }
```

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

```
.border{ border-color:#208C77 }
```

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

Here you see how a box with a 4 pixel #208C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208C77; -webkit-box-shadow:4px 4px  
4px 4px #208C77; box-shadow:4px 4px 4px  
4px #208C77 }
```

Background

The CSS property to change the background color of an element to Hex 208C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208C77 }
```

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

```
.background{ background-color:#208C77 }
```

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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