

Converting Colors

Hex(209189)

Have a look what the booklet for
Hex(209189) contains.

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Color

Hex(209189)

Conversions

Conversions Part 1

Format	Color
Hex	209189
RGB	32, 145, 137
RGB Percent	13%, 57%, 54%
CMY	0.8745, 0.4314, 0.4627
CMYK	0.78, 0.00, 0.06, 0.43
HSL	176°, 64%, 35%
HSV	176°, 78%, 57%
XYZ	15.2364, 22.3640, 27.1806
YIQ	110.3010, -64.7800, -26.4440

Conversions

Conversions Part 2

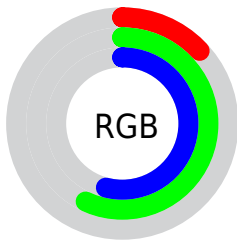
Format	Color
RYB	32, 91, 145
Decimal	2134409
CIELab	54.41, -31.88, -4.53
CIELCh	54, 32.203, 188.089
Yxy	22.3640, 0.2352, 0.3452
Android (android.graphics.Color)	4280324489 (0xFF209189)
YUV	110.3010, 13.1626, -68.6700
Hunter-Lab	47.2906, -25.2482, -0.9738

Details

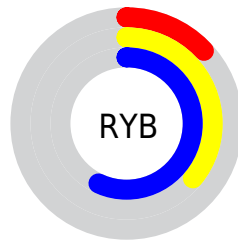
The Hex color **209189** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **912028**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **62C7BE**, and **005E57** is the 20% darker color. If you saturate the color by 10%, you get **129188**, and if you desaturate by 10%, it is **2F918A**.

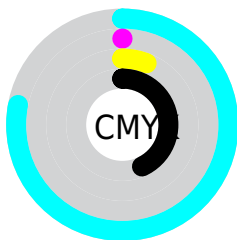
Distribution



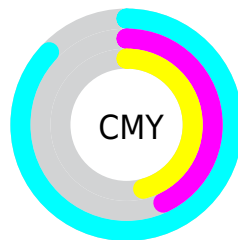
- Red (13%)
- Green (57%)
- Blue (54%)



- Red (13%)
- Yellow (36%)
- Blue (57%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (87%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209189 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 209189 by changing the saturation by 10% instead.

 209189

 209189

FFFFFF

 007770

 62C7BE

 005E57

 7FE4DA

 004640

 9BFFF7

 002E2A

 B8FFF7

 001916

 D6FFF7

 000000

 F3FFF7

 209189

 209189

 129188

 2F918A

039187

3D918B

009187

4C918C

5A918D

69918E

77918F

859190

949191

A39192

Harmonies

Analogous

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



4C8F6C



209189



0090A4

Triad

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



209189



8F78AE



A5794F

Complementary

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



209189



912028

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.



B57061



209189



AB6F97

Square

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



209189



6682B9



B86C7C



8D834A

Rectangle

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



209189



1D8DB1



B86C7C



AC7654

Sweetspot

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



209189



91BDBA



299120



445E5C



DEDEDE



5E5E5E

Same Dimension

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



209189



0BBDB0



206291



404747



00877E



000807

Inverse Universe

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



912028



BD0B18



914F20



474041



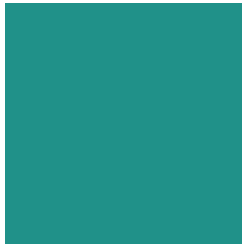
87000A



080001

Previews

White Background



This preview shows how the Hex color 209189 looks on a white background.

Color Contrast Check

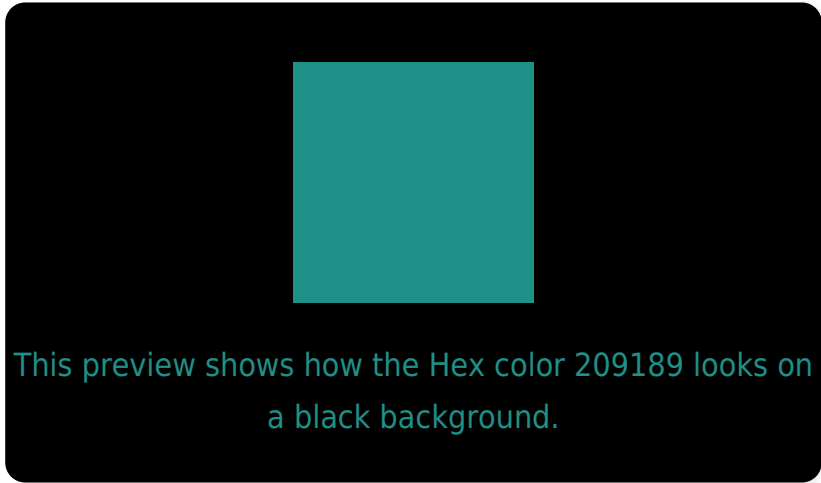
Large Text (above 18pt) WCAG AA ✓ Pass

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

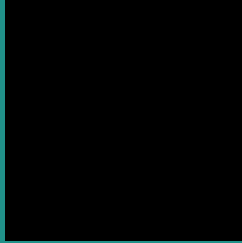
Any Text WCAG AA ✓ Pass

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 209189 Background



This preview shows how black text looks on a background with the Hex color 209189.

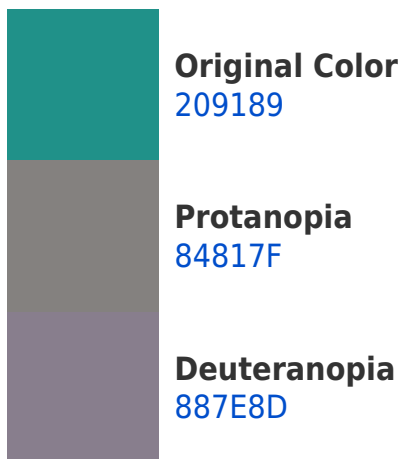


This preview shows how white text looks on a background with the Hex color 209189.

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
2C8E9A

Trichromacy



Original Color
209189



Protanomaly
608783



Deuteranomaly
62858C



Tritanomaly
288F94

Monochromacy



Original Color
209189



Achromatopsia
6E6E6E



Achromatomaly
527B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 209189 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 #209189 looks like.

```
.text, #text, p{  
    color:#209189  
}
```

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 #209189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209189
}
```

Border

The CSS property to change the border of an element to Hex 209189 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
#209189 }
```

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

```
.border{ border-color:#209189 }
```

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

Here you see how a box with a 4 pixel #209189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209189; -webkit-box-shadow:4px 4px  
4px 4px #209189; box-shadow:4px 4px 4px  
4px #209189 }
```

Background

The CSS property to change the background color of an element to Hex 209189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209189 }
```

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

```
.background{ background-color:#209189 }
```

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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