

Converting Colors

Hex(209C9D)

Have a look what the booklet for
Hex(209C9D) contains.

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Color

Hex(209C9D)

Conversions

Conversions Part 1

Format	Color
Hex	209C9D
RGB	32, 156, 157
RGB Percent	13%, 61%, 62%
CMY	0.8745, 0.3882, 0.3843
CMYK	0.80, 0.01, 0.00, 0.38
HSL	180°, 66%, 37%
HSV	180°, 80%, 62%
XYZ	18.5699, 26.5183, 36.0381
YIQ	119.0380, -74.2250, -25.9770

Conversions

Conversions Part 2

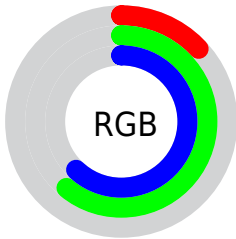
Format	Color
RYB	32, 94, 157
Decimal	2137245
CIELab	58.53, -31.10, -9.85
CIELCh	59, 32.624, 197.577
Yxy	26.5183, 0.2289, 0.3269
Android (android.graphics.Color)	4280327325 (0xFF209C9D)
YUV	119.0380, 18.7153, -76.3323
Hunter-Lab	51.4960, -25.7491, -5.4454

Details

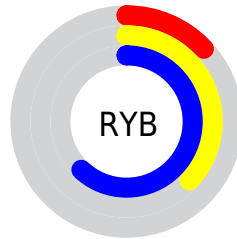
The Hex color **209C9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D2120**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **65D3D3**, and **00686A** is the 20% darker color. If you saturate the color by 10%, you get **109C9D**, and if you desaturate by 10%, it is **309C9D**.

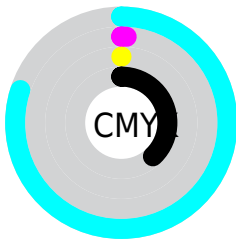
Distribution



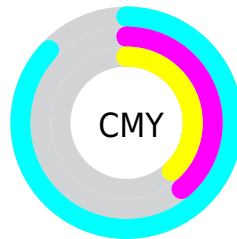
- Red (13%)
- Green (61%)
- Blue (62%)



- Red (13%)
- Yellow (37%)
- Blue (62%)



- Cyan (80%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209C9D 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 209C9D by changing the saturation by 10% instead.

 209C9D

 209C9D

FFFFFF

 008283

 65D3D3

 00686A

 83F0F0

 004F52

 A1FFFF

 00383B

 BEFFFF

 002325

 DCFFFF

 000111

 FAFFFF

 000000

 209C9D

 209C9D

 109C9D

 309C9D

■ 019C9D

■ 3F9C9D

■ 009C9D

■ 4F9C9D

■ 5F9D9D

■ 6F9D9D

■ 7E9D9D

■ 8E9D9D

■ 9E9D9D

■ AD9D9D

Harmonies

Analogous

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



4A9B7F



209C9D



1C99B6

Triad

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



209C9D



A57FB4



AA8755

Complementary

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



209C9D



9D2120

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.



BD7D64



209C9D



BD789A

Square

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



209C9D



7F8AC3



C5777D



8F9055

Rectangle

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



209C9D



3D96C1



C5777D



B28458

Sweetspot

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



209C9D



9BCCCC



209D20



486666



E6E6E6



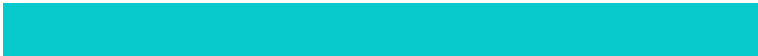
666666

Same Dimension

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



209C9D



08CACC



205F9D



474F4F



008E8F



000F0F

Inverse Universe

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



9D209C



CC08CA



9D5F20



4F474F



8F008E



0F000F

Previews

White Background



This preview shows how the Hex color 209C9D looks on a white background.

Color Contrast Check

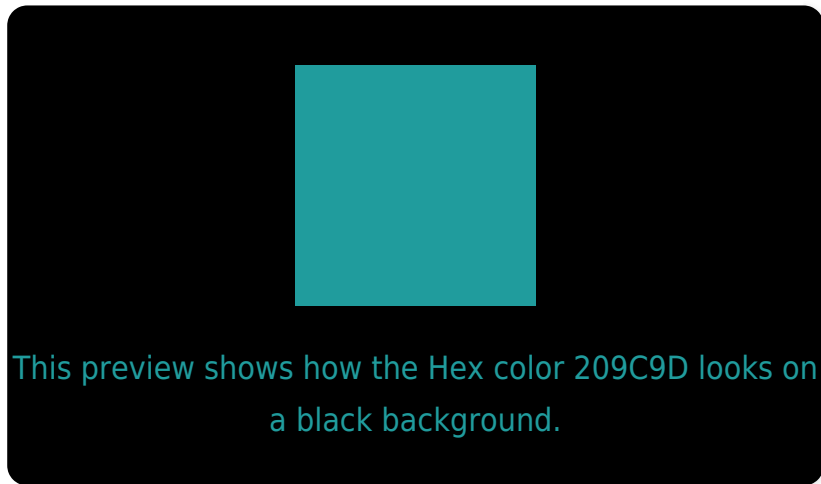
Large Text (above 18pt) WCAG AA ✓ Pass

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

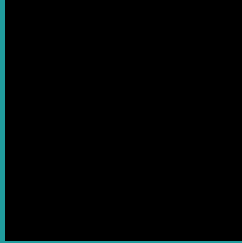
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

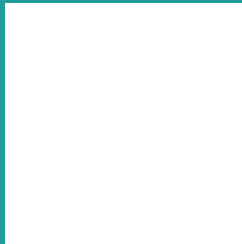
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 209C9D Background



This preview shows how black text looks on a background with the Hex color 209C9D.



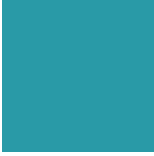
This preview shows how white text looks on a background with the Hex color 209C9D.

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](#).

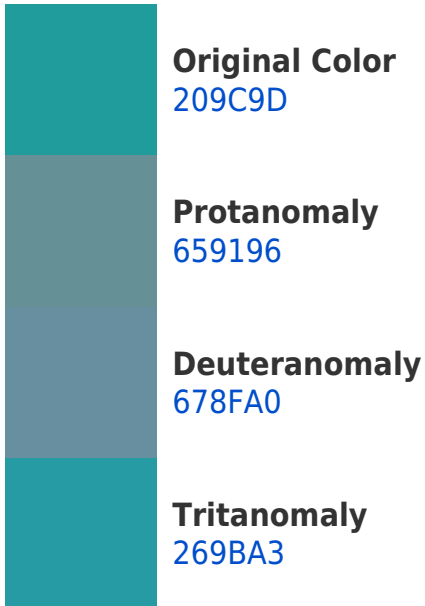
Dichromacy



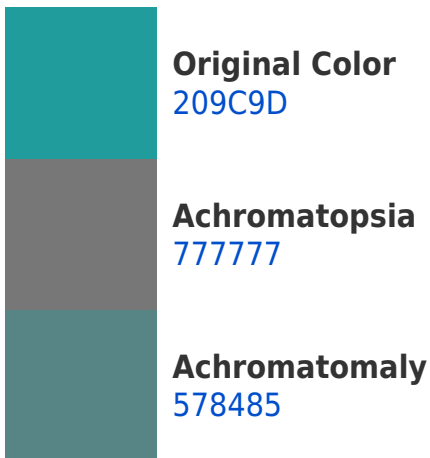


Tritanopia
299AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 209C9D 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 #209C9D looks like.

```
.text, #text, p{  
    color:#209C9D  
}
```

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 #209C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209C9D
}
```

Border

The CSS property to change the border of an element to Hex 209C9D 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
#209C9D }
```

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

```
.border{ border-color:#209C9D }
```

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

Here you see how a box with a 4 pixel #209C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209C9D; -webkit-box-shadow:4px 4px  
4px 4px #209C9D; box-shadow:4px 4px 4px  
4px #209C9D }
```

Background

The CSS property to change the background color of an element to Hex 209C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209C9D }
```

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

```
.background{ background-color:#209C9D }
```

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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