

Converting Colors

Hex(209A9A)

Have a look what the booklet for
Hex(209A9A) contains.

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Color

Hex(209A9A)

Conversions

Conversions Part 1

Format	Color
Hex	209A9A
RGB	32, 154, 154
RGB Percent	13%, 60%, 60%
CMY	0.8745, 0.3961, 0.3961
CMYK	0.79, 0.00, 0.00, 0.40
HSL	180°, 66%, 36%
HSV	180°, 79%, 60%
XYZ	17.9840, 25.7514, 34.5945
YIQ	117.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

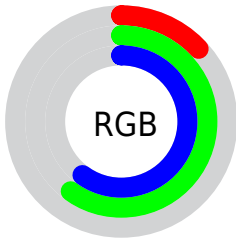
Format	Color
RYB	32, 93, 154
Decimal	2136730
CIELab	57.80, -31.06, -9.23
CIELCh	58, 32.401, 196.553
Yxy	25.7514, 0.2296, 0.3288
Android (android.graphics.Color)	4280326810 (0xFF209A9A)
YUV	117.5220, 17.9837, -75.0028
Hunter-Lab	50.7458, -25.5459, -4.8972

Details

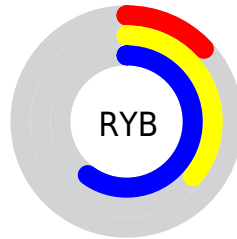
The Hex color **209A9A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A2020**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **65D1D0**, and **006667** is the 20% darker color. If you saturate the color by 10%, you get **119A9A**, and if you desaturate by 10%, it is **2F9A9A**.

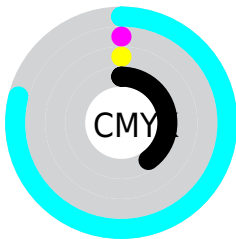
Distribution



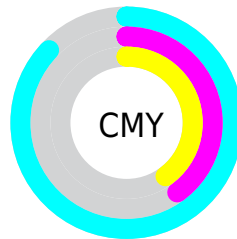
- Red (13%)
- Green (60%)
- Blue (60%)



- Red (13%)
- Yellow (36%)
- Blue (60%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209A9A 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 209A9A by changing the saturation by 10% instead.



209A9A



209A9A

FFFFFF



008080



65D1D0



006667



82EDED



004E4F



A0FFFF



003638



BDFFFF



002223



DBFFFF



00010D



F9FFFF



000000



209A9A



209A9A



119A9A



2F9A9A

■ 019A9A

■ 3F9A9A

■ 009A9A

■ 4E9A9A

■ 5E9A9A

■ 6D9A9A

■ 7C9A9A

■ 8C9A9A

■ 9B9A9A

■ AB9A9A

Harmonies

Analogous

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



4A997D



209A9A



1997B3

Triad

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



209A9A



A27EB2



A98554

Complementary

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



209A9A



9A2020

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.



BC7B63



209A9A



BA7699

Square

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



209A9A



7B88C1



C2757C



8E8E54

Rectangle

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



209A9A



3A94BE



C2757C



B08157

Sweetspot

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



209A9A



99C9C9



209A20



486666



E6E6E6



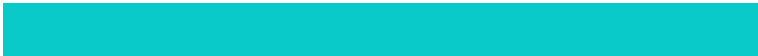
666666

Same Dimension

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



209A9A



0AC9C9



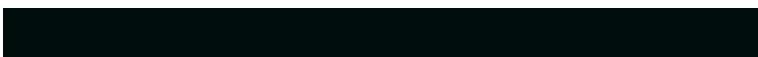
205D9A



454D4D



008C8C



000D0D

Inverse Universe

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



9A209A



C90AC9



9A5D20



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 209A9A looks on a white background.

Color Contrast Check

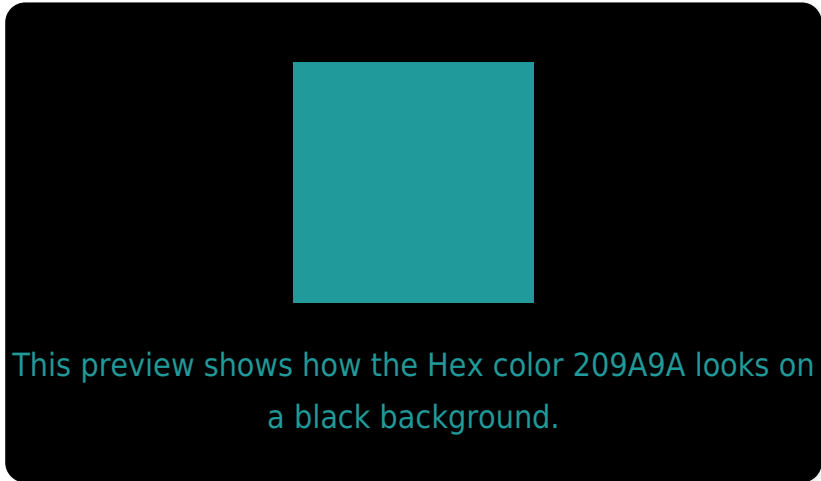
Large Text (above 18pt) WCAG AA ✓ Pass

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

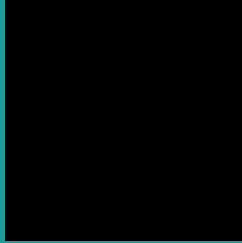
Any Text WCAG AA ✓ Pass

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 209A9A Background



This preview shows how black text looks on a background with the Hex color 209A9A.

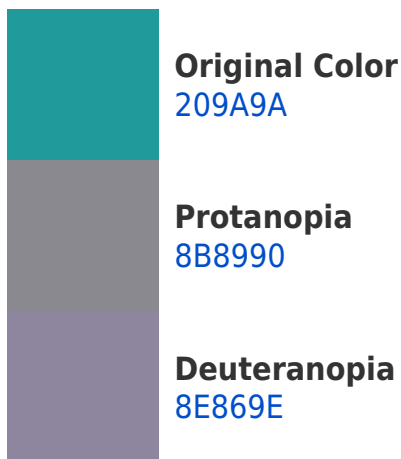


This preview shows how white text looks on a background with the Hex color 209A9A.

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
2998A5

Trichromacy



Original Color
209A9A



Protanomaly
648F94



Deuteranomaly
668D9D



Tritanomaly
2699A1

Monochromacy



Original Color
209A9A



Achromatopsia
767676



Achromatomaly
578383

CSS Examples

Text

The CSS property to change the color of the text to Hex 209A9A 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 #209A9A looks like.

```
.text, #text, p{  
    color:#209A9A  
}
```

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 #209A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209A9A
}
```

Border

The CSS property to change the border of an element to Hex 209A9A 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
#209A9A }
```

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

```
.border{ border-color:#209A9A }
```

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

Here you see how a box with a 4 pixel #209A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209A9A; -webkit-box-shadow:4px 4px  
4px 4px #209A9A; box-shadow:4px 4px 4px  
4px #209A9A }
```

Background

The CSS property to change the background color of an element to Hex 209A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209A9A }
```

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

```
.background{ background-color:#209A9A }
```

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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