

Converting Colors

Hex(209B94)

Have a look what the booklet for
Hex(209B94) contains.

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Color

Hex(209B94)

Conversions

Conversions Part 1

Format	Color
Hex	209B94
RGB	32, 155, 148
RGB Percent	13%, 61%, 58%
CMY	0.8745, 0.3922, 0.4196
CMYK	0.79, 0.00, 0.05, 0.39
HSL	177°, 66%, 37%
HSV	177°, 79%, 61%
XYZ	17.6623, 25.8879, 32.0829
YIQ	117.4250, -71.0610, -28.2530

Conversions

Conversions Part 2

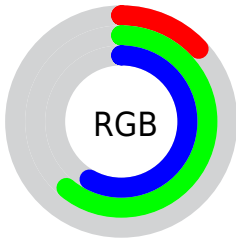
Format	Color
R_{YB}	32, 95, 155
Decimal	2136980
CIE _{Lab}	57.93, -33.34, -5.62
CIE _{LCh}	58, 33.811, 189.569
Yxy	25.8879, 0.2335, 0.3423
Android (android.graphics.Color)	4280327060 (0xFF209B94)
YUV	117.4250, 15.0735, -74.9177
Hunter-Lab	50.8801, -27.0765, -1.7698

Details

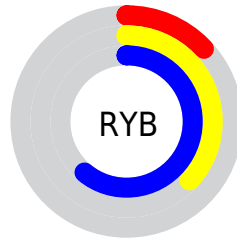
The Hex color **209B94** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B2027**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **64D2CA**, and **006761** is the 20% darker color. If you saturate the color by 10%, you get **109B93**, and if you desaturate by 10%, it is **2F9B95**.

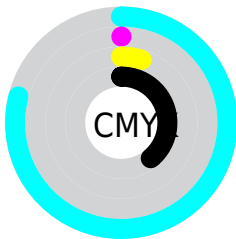
Distribution



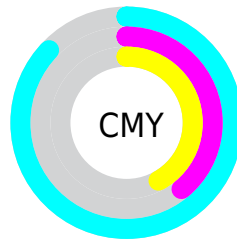
- Red (13%)
- Green (61%)
- Blue (58%)



- Red (13%)
- Yellow (37%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (87%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 209B94 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 209B94 by changing the saturation by 10% instead.

 209B94

 209B94

FFFFFF

 00817A

 64D2CA

 006761

 82EFE6

 004E4A

 9FFFFFF

 003733

 BCFFFF

 00231E

 DAFFFF

 000005

 F8FFFF

 000000

 209B94

 209B94

 109B93

 2F9B95

■ 019B92

■ 3F9B96

■ 009B92

■ 4E9B97

■ 5E9B98

■ 6E9B98

■ 7D9B99

■ 8C9B9A

■ 9C9B9B

■ AB9B9C

Harmonies

Analogous

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



509976



209B94



0099B0

Triad

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



209B94



9B80B9



B08254

Complementary

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



209B94



9B2027

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.



C17967



209B94



B877A1

Square

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



209B94



6F8BC5



C47483



958D50

Rectangle

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



209B94



2396BD



C47483



B67F59

Sweetspot

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



209B94



99C9C7



289B20



486664



E6E6E6



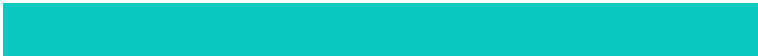
666666

Same Dimension

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



209B94



0AC9BF



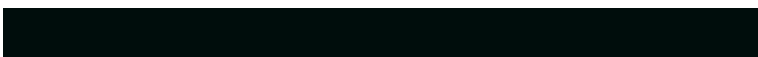
20669B



454D4C



008C84



000D0C

Inverse Universe

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



9B2027



C90A15



9B5520



4D4545



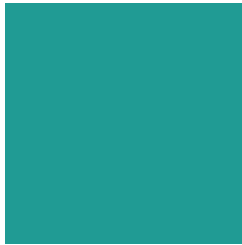
8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 209B94 looks on a white background.

Color Contrast Check

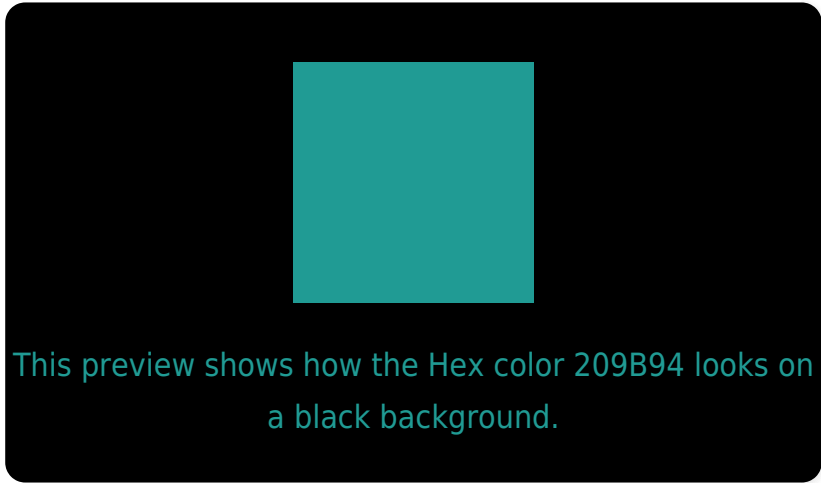
Large Text (above 18pt) WCAG AA ✓ Pass

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

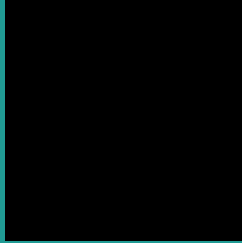
Any Text WCAG AA ✓ Pass

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 209B94 Background



This preview shows how black text looks on a background with the Hex color 209B94.



This preview shows how white text looks on a background with the Hex color 209B94.

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



Original Color
209B94

Protanopia
8D8A8A

Deuteranopia
918698

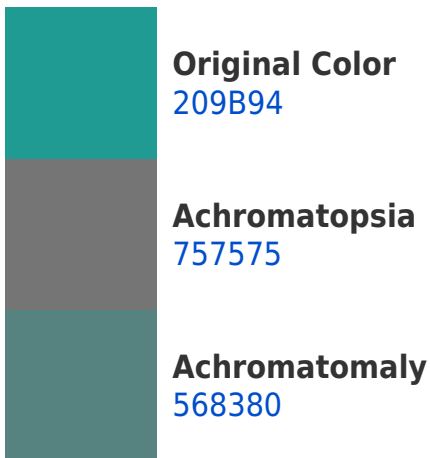


Tritanopia
2D98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 209B94 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 #209B94 looks like.

```
.text, #text, p{  
    color:#209B94  
}
```

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 #209B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209B94
}
```

Border

The CSS property to change the border of an element to Hex 209B94 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
#209B94 }
```

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

```
.border{ border-color:#209B94 }
```

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

Here you see how a box with a 4 pixel #209B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209B94; -webkit-box-shadow:4px 4px  
4px 4px #209B94; box-shadow:4px 4px 4px  
4px #209B94 }
```

Background

The CSS property to change the background color of an element to Hex 209B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209B94 }
```

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

```
.background{ background-color:#209B94 }
```

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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