

# Converting Colors

Hex(209F90)

Have a look what the booklet for  
Hex(209F90) contains.

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# Color

Hex(209F90)

# Conversions

## Conversions Part 1

Format	Color
Hex	209F90
RGB	32, 159, 144
RGB Percent	13%, 62%, 56%
CMY	0.8745, 0.3765, 0.4353
CMYK	0.80, 0.00, 0.09, 0.38
HSL	173°, 66%, 37%
HSV	173°, 80%, 62%
XYZ	18.0278, 27.1170, 30.6695
YIQ	119.3170, -70.8770, -31.5890

# Conversions

## Conversions Part 2

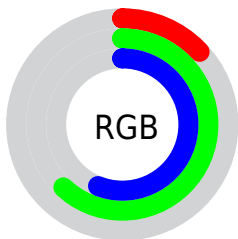
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 99, 159
Decimal	2138000
CIELab	59.08, -36.35, -1.65
CIElCh	59, 36.389, 182.599
Yxy	27.1170, 0.2378, 0.3577
Android (android.graphics.Color)	4280328080 (0xFF209F90)
YUV	119.3170, 12.1687, -76.5770
Hunter-Lab	52.0740, -29.3333, 1.5323

# Details

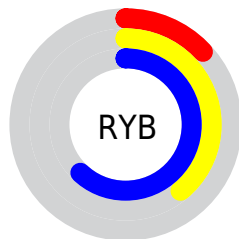
The Hex color **209F90** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F202F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **65D6C6**, and **006B5E** is the 20% darker color. If you saturate the color by 10%, you get **109F8E**, and if you desaturate by 10%, it is **309F92**.

# Distribution



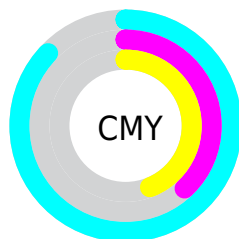
- Red (13%)
- Green (62%)
- Blue (56%)



- Red (13%)
- Yellow (39%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 209F90 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 209F90 by changing the saturation by 10% instead.



 209F90

 209F90

FFFFFF

 008476

 65D6C6

 006B5E

 82F3E2

 005246

 A0FFFE

 003A30

 BDFFFF

 00251B

 DBFFFF

 000000

 F9FFFF

 209F90

 209F90

 109F8E

 309F92

009F8C

409F94

509F96

609F98

709F99

7F9F9B

8F9F9D

9F9F9F

AF9FA1

# Harmonies

## Analogous

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



579C70



209F90



009EB0

# Triad

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



209F90



9585C4



BA8256

# Complementary

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



209F90



9F202F

# 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.



CA786D



209F90



B97AAC

# Square

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



209F90



6290CE



CA758D



A08D4D

# Rectangle

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



209F90



009BC0



CA758D



C17E5D



# Sweetspot

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



209F90



9DCFC9



319F20



4A6965



E8E8E8



696969



# Same Dimension

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



209F90



08CFB7



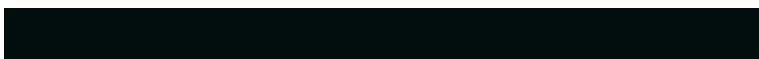
20709F



474F4E



008F7E



000F0D



# Inverse Universe

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



9F202F



CF0820



9F4F20



4F4748



8F0011

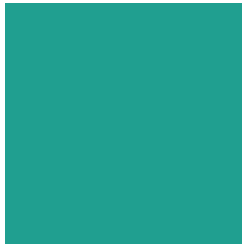


0F0002



# Previews

## White Background



This preview shows how the Hex color 209F90 looks on a white background.

## Color Contrast Check

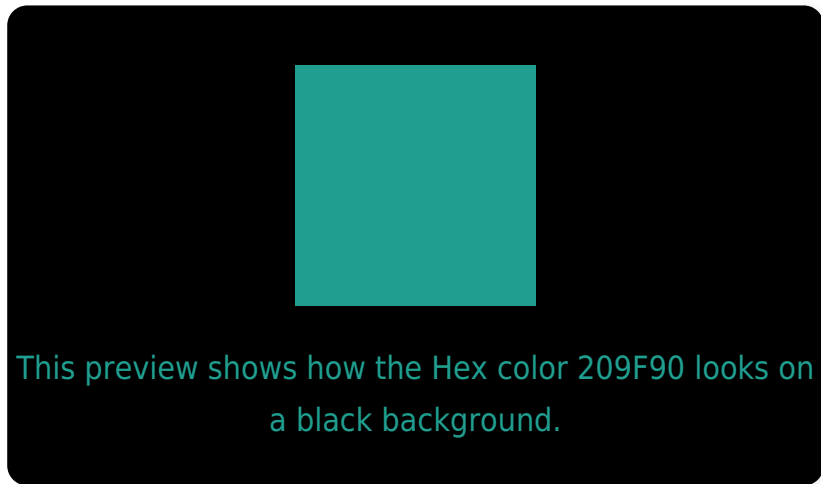
Large Text (above 18pt) WCAG AA ✓ Pass

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

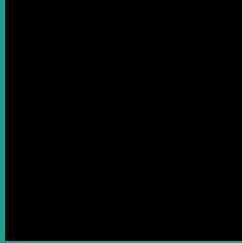
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 209F90 Background



This preview shows how black text looks on a background with the Hex color 209F90.

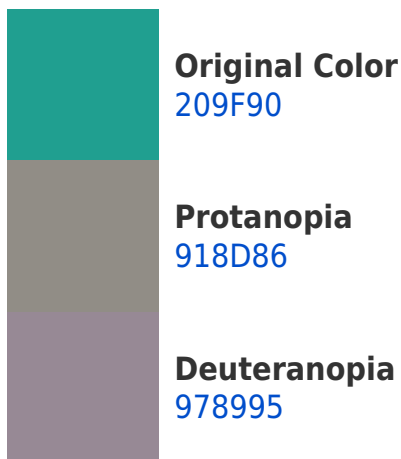


This preview shows how white text looks on a background with the Hex color 209F90.

# 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**  
329BA8

# Trichromacy



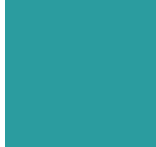
**Original Color**  
209F90



**Protanomaly**  
68948A



**Deuteranomaly**  
6C9193



**Tritanomaly**  
2B9C9F

# Monochromacy



**Original Color**  
209F90



**Achromatopsia**  
777777



**Achromatomaly**  
578680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 209F90 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 #209F90 looks like.

```
.text, #text, p{  
    color:#209F90  
}
```

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 #209F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #209F90
}
```

## Border

The CSS property to change the border of an element to Hex 209F90 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
#209F90 }
```

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

```
.border{ border-color:#209F90 }
```

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

Here you see how a box with a 4 pixel #209F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #209F90; -webkit-box-shadow:4px 4px  
4px 4px #209F90; box-shadow:4px 4px 4px  
4px #209F90 }
```

# Background

The CSS property to change the background color of an element to Hex 209F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#209F90 }
```

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

```
.background{ background-color:#209F90 }
```

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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