

Converting Colors

Hex(109F9D)

Have a look what the booklet for
Hex(109F9D) contains.

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Color

Hex(109F9D)

Conversions

Conversions Part 1

Format	Color
Hex	109F9D
RGB	16, 159, 157
RGB Percent	6%, 62%, 62%
CMY	0.9373, 0.3765, 0.3843
CMYK	0.90, 0.00, 0.01, 0.38
HSL	179°, 82%, 34%
HSV	179°, 90%, 62%
XYZ	18.6976, 27.3408, 36.1901
YIQ	116.0150, -84.5860, -30.9380

Conversions

Conversions Part 2

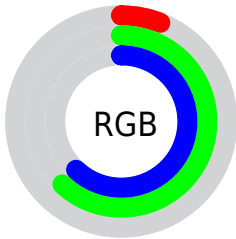
Format	Color
R_{YB}	16, 88, 159
Decimal	1089437
CIE _{Lab}	59.29, -33.72, -8.73
CIE _{LCh}	59, 34.837, 194.516
Yxy	27.3408, 0.2274, 0.3325
Android (android.graphics.Color)	4279279517 (0xFF109F9D)
YUV	116.0150, 20.2056, -87.7132
Hunter-Lab	52.2884, -27.6755, -4.4342

Details

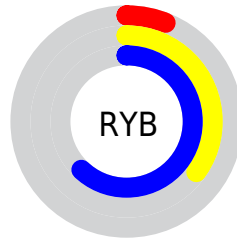
The Hex color **109F9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F1012**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **60D6D3**, and **006B6A** is the 20% darker color. If you saturate the color by 10%, you get **009F9D**, and if you desaturate by 10%, it is **209F9D**.

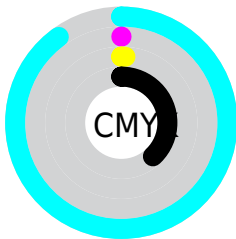
Distribution



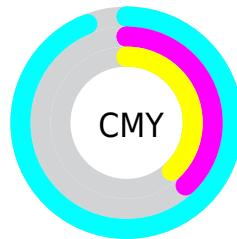
- Red (6%)
- Green (62%)
- Blue (62%)



- Red (6%)
- Yellow (35%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (94%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109F9D 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 109F9D by changing the saturation by 10% instead.

 109F9D

 109F9D

FFFFFF

 008483

 60D6D3

 006B6A

 7EF3F0

 005252

 9CFFFF

 003A3B

 BAFFFF

 002525

 D8FFFF

 000111

 F6FFFF

 000000

 109F9D

 109F9D

 009F9D

 209F9D

 309F9D

 409F9E

 509F9E

 609F9E

 6F9F9E

 7F9F9F

 8F9F9F

 9F9F9F

Harmonies

Analogous

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



4A9E7D



109F9D



009DB9

Triad

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



109F9D



A581BB



B08754

Complementary

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



109F9D



9F1012

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.



C47D65



109F9D



C079A0

Square

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



109F9D



7A8DCA



CA7781



949252

Rectangle

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



109F9D



2D99C5



CA7781



B88458

Sweetspot

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



109F9D



97CFCE



129F10



476968



E8E8E8



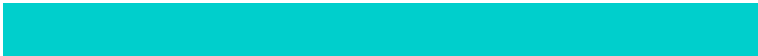
696969

Same Dimension

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



109F9D



00CFCC



105A9F



474F4F



008F8D



000F0F

Inverse Universe

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



9F1012



CF0003



9F5510



4F4747



8F0002



0F0000

Previews

White Background



This preview shows how the Hex color 109F9D looks on a white background.

Color Contrast Check

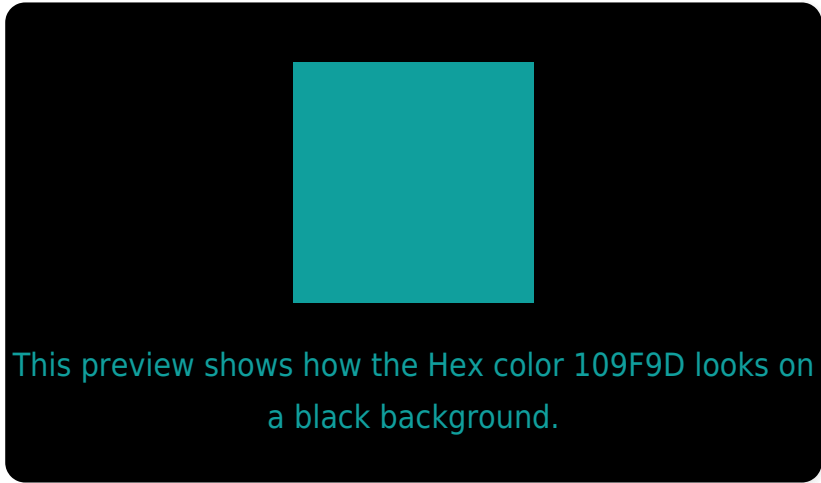
Large Text (above 18pt) WCAG AA ✓ Pass

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

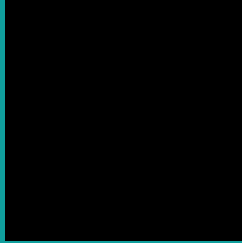
Any Text WCAG AA ✓ Pass

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 109F9D Background



This preview shows how black text looks on a background with the Hex color 109F9D.

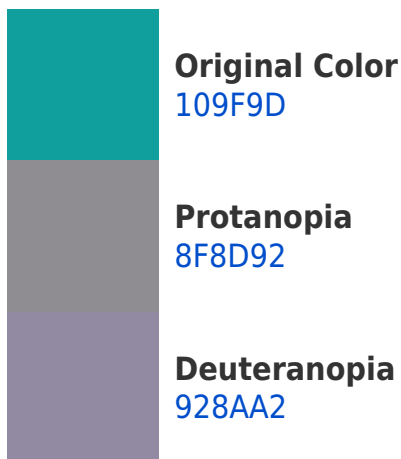


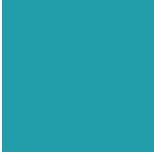
This preview shows how white text looks on a background with the Hex color 109F9D.

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
229DAA

Trichromacy



Original Color
109F9D



Protanomaly
619496



Deuteranomaly
6392A0



Tritanomaly
1B9EA5

Monochromacy



Original Color
109F9D



Achromatopsia
747474



Achromatomaly
508483

CSS Examples

Text

The CSS property to change the color of the text to Hex 109F9D 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 #109F9D looks like.

```
.text, #text, p{  
    color:#109F9D  
}
```

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 #109F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109F9D
}
```

Border

The CSS property to change the border of an element to Hex 109F9D 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
#109F9D }
```

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

```
.border{ border-color:#109F9D }
```

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

Here you see how a box with a 4 pixel #109F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109F9D; -webkit-box-shadow:4px 4px  
4px 4px #109F9D; box-shadow:4px 4px 4px  
4px #109F9D }
```

Background

The CSS property to change the background color of an element to Hex 109F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109F9D }
```

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

```
.background{ background-color:#109F9D }
```

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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