

Converting Colors

Hex(129FB9)

Have a look what the booklet for
Hex(129FB9) contains.

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Color

Hex(129FB9)

Conversions

Conversions Part 1

Format	Color
Hex	129FB9
RGB	18, 159, 185
RGB Percent	7%, 62%, 73%
CMY	0.9294, 0.3765, 0.2745
CMYK	0.90, 0.14, 0.00, 0.27
HSL	189°, 82%, 40%
HSV	189°, 90%, 73%
XYZ	21.4045, 28.4277, 50.2579
YIQ	119.8050, -92.3820, -21.8060

Conversions

Conversions Part 2

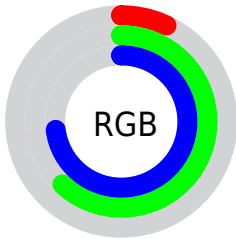
Format	Color
RYB	18, 94, 185
Decimal	1220537
CIELab	60.27, -24.56, -23.06
CIElCh	60, 33.691, 223.191
Yxy	28.4277, 0.2139, 0.2840
Android (android.graphics.Color)	4279410617 (0xFF129FB9)
YUV	119.8050, 32.1411, -89.2830
Hunter-Lab	53.3176, -21.6463, -18.5652

Details

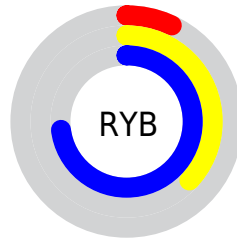
The Hex color **129FB9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B92C12**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **65D6F1**, and **006B84** is the 20% darker color. If you saturate the color by 10%, you get **009CB9**, and if you desaturate by 10%, it is **25A2B9**.

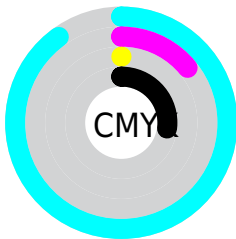
Distribution



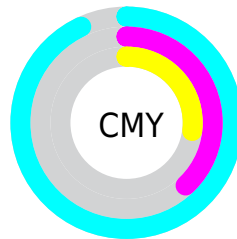
- Red (7%)
- Green (62%)
- Blue (73%)



- Red (7%)
- Yellow (37%)
- Blue (73%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129FB9 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 129FB9 by changing the saturation by 10% instead.

■ 129FB9

■ 129FB9

FFFFFF

■ 00859E

■ 65D6F1

■ 006B84

■ 84F2FF

■ 00536B

■ A2FFFF

■ 003B52

■ C0FFFF

■ 00253B

■ DFFFFF

■ 000426

FDFFFF

■ 00010F

■ 000000

■ 129FB9

■ 129FB9

009CB9

25A2B9

37A5B9

49A8B9

5CABB9

6EADB9

81B0B9

93B3B9

A6B6B9

B8B9B9

Harmonies

Analogous

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



25A19E



129FB9



4899CA

Triad

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



129FB9



C17CA3



989457

Complementary

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



129FB9



B92C12

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.



B38A59



129FB9



CB7A85

Square

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



129FB9



A585BD



C6806A



779B65

Rectangle

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



129FB9



6B93CC



C6806A



A29155

Sweetspot

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



129FB9



AFE6F0



12B92B



517278



F7F7F7



787878

Same Dimension

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



129FB9



00CAF0



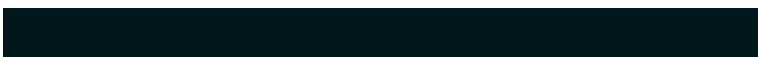
124CB9



535A5C



00839C



00181C

Inverse Universe

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



B9129F



F000CA



B97F12



5C535A



9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 129FB9 looks on a white background.

Color Contrast Check

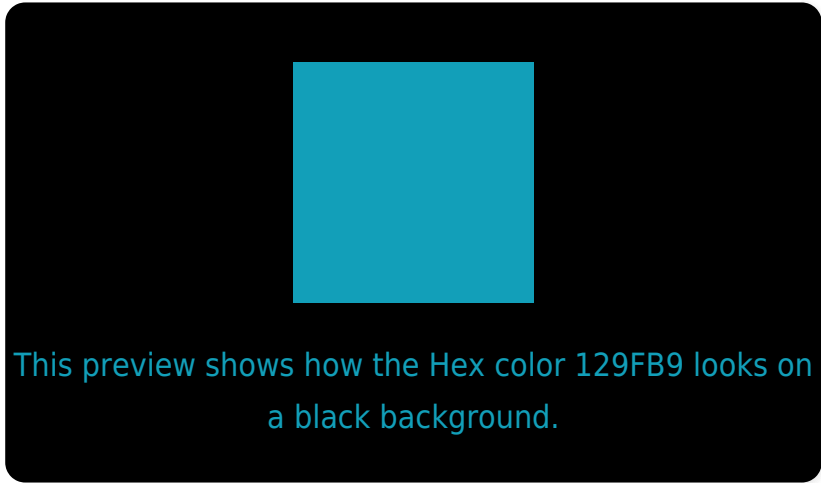
Large Text (above 18pt) WCAG AA ✓ Pass

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

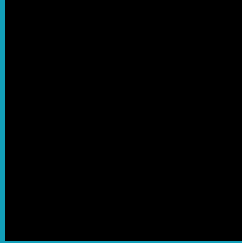
Any Text WCAG AA ✓ Pass

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 129FB9 Background



This preview shows how black text looks on a background with the Hex color 129FB9.

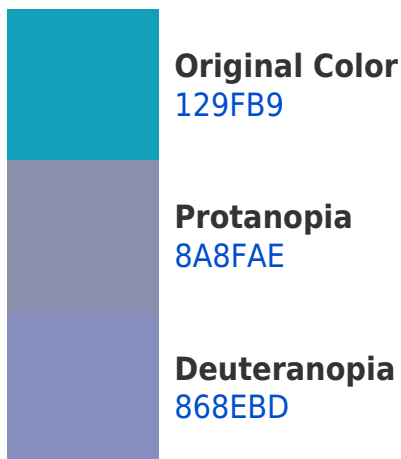


This preview shows how white text looks on a background with the Hex color 129FB9.

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](#).

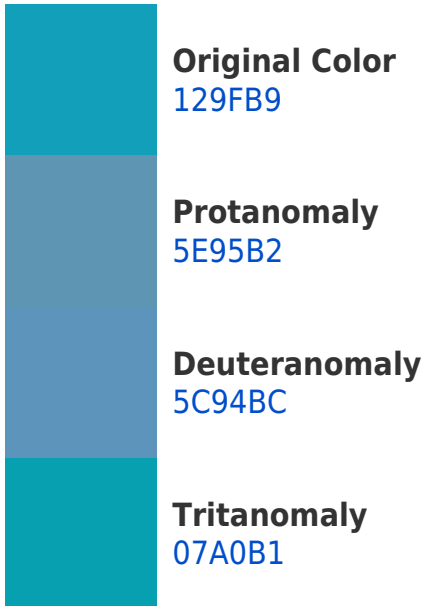
Dichromacy



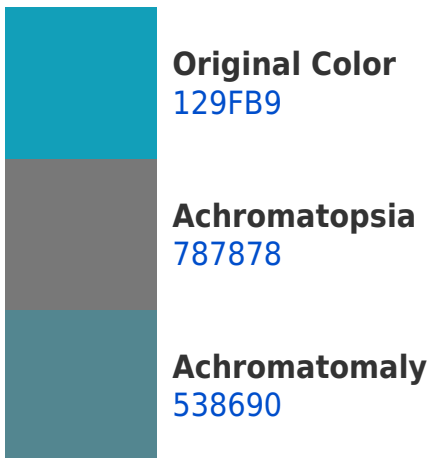


Tritanopia
00A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 129FB9 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 #129FB9 looks like.

```
.text, #text, p{  
    color:#129FB9  
}
```

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 #129FB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129FB9
}
```

Border

The CSS property to change the border of an element to Hex 129FB9 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
#129FB9 }
```

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

```
.border{ border-color:#129FB9 }
```

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

Here you see how a box with a 4 pixel #129FB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129FB9; -webkit-box-shadow:4px 4px  
4px 4px #129FB9; box-shadow:4px 4px 4px  
4px #129FB9 }
```

Background

The CSS property to change the background color of an element to Hex 129FB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129FB9 }
```

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

```
.background{ background-color:#129FB9 }
```

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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