

Converting Colors

Hex(1E9CAF)

Have a look what the booklet for
Hex(1E9CAF) contains.

Hex(1E9CAF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E9CAF)

Conversions

Conversions Part 1

Format	Color
Hex	1E9CAF
RGB	30, 156, 175
RGB Percent	12%, 61%, 69%
CMY	0.8824, 0.3882, 0.3137
CMYK	0.83, 0.11, 0.00, 0.31
HSL	188°, 71%, 40%
HSV	188°, 83%, 69%
XYZ	20.1618, 27.1481, 44.7349
YIQ	120.4920, -81.1950, -20.8030

Conversions

Conversions Part 2

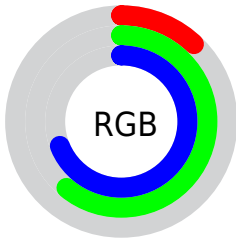
Format	Color
R_{YB}	30, 97, 175
Decimal	2006191
CIE _{Lab}	59.11, -25.56, -19.18
CIE _{LCh}	59, 31.956, 216.884
Yxy	27.1481, 0.2190, 0.2949
Android (android.graphics.Color)	4280196271 (0xFF1E9CAF)
YUV	120.4920, 26.8724, -79.3615
Hunter-Lab	52.1038, -22.1106, -14.4321

Details

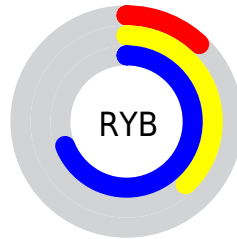
The Hex color **1E9CAF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF311E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **67D3E7**, and **00687B** is the 20% darker color. If you saturate the color by 10%, you get **0D9AAF**, and if you desaturate by 10%, it is **309EAF**.

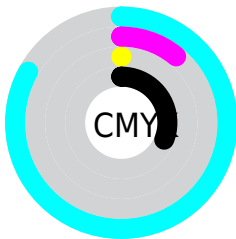
Distribution



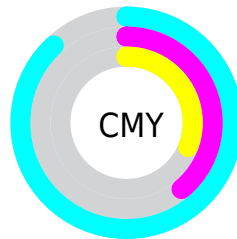
- Red (12%)
- Green (61%)
- Blue (69%)



- Red (12%)
- Yellow (38%)
- Blue (69%)



- Cyan (83%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (88%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9CAF 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 1E9CAF by changing the saturation by 10% instead.

■ 1E9CAF

■ 1E9CAF

FFFFFF

■ 008294

■ 67D3E7

■ 00687B

■ 85EFFF

■ 005062

■ A3FFFF

■ 00384A

■ C1FFFF

■ 002333

■ DFFFFF

■ 00021E

FDFFFF

■ 000001

■ 000000

■ 1E9CAF

■ 1E9CAF

0D9AAF

309EAF

0098AF

41A1AF

53A3AF

64A5AF

76A7AF

87AAAF

99ACAF

AAAEAF

BCB1AF

Harmonies

Analogous

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



359D94



1E9CAF



4197C1

Triad

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



1E9CAF



B77CA5



9B8F56

Complementary

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



1E9CAF



AF311E

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.



B3855B



1E9CAF



C47989

Square

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



1E9CAF



9A85BB



C27C6E



7C9760

Rectangle

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



1E9CAF



6192C6



C27C6E



A48C56

Sweetspot

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



1E9CAF



AADCE3



1EAF2F



506E73



F2F2F2



737373

Same Dimension

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



1E9CAF



02C6E3



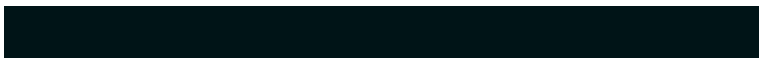
1E56AF



4E5657



008396



001417

Inverse Universe

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



AF1E9C



E302C6



AF771E



574E56



960083



170014

Previews

White Background



This preview shows how the Hex color 1E9CAF looks on a white background.

Color Contrast Check

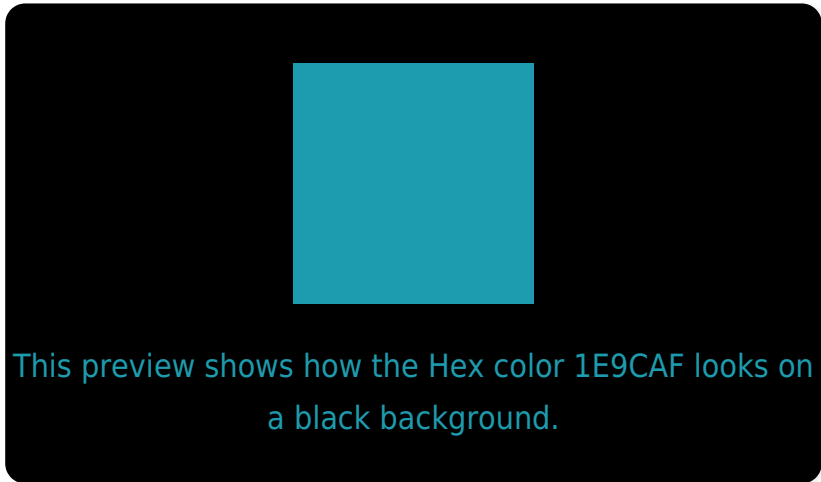
Large Text (above 18pt) WCAG AA ✓ Pass

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

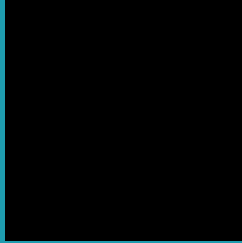
Any Text WCAG AA ✓ Pass

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 1E9CAF Background



This preview shows how black text looks on a background with the Hex color 1E9CAF.

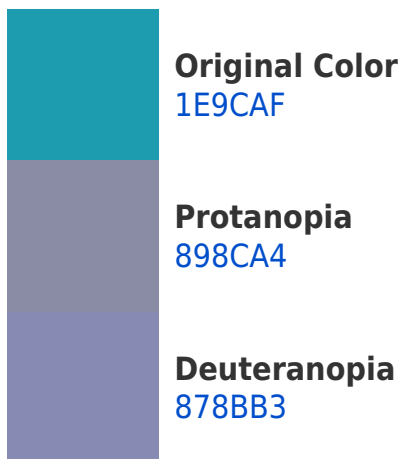


This preview shows how white text looks on a background with the Hex color 1E9CAF.

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](#).

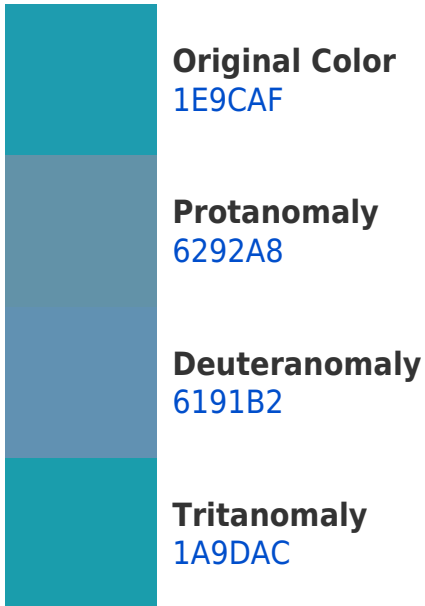
Dichromacy





Tritanopia
179DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9CAF 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 #1E9CAF looks like.

```
.text, #text, p{  
    color:#1E9CAF  
}
```

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 #1E9CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9CAF
}
```

Border

The CSS property to change the border of an element to Hex 1E9CAF 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
#1E9CAF }
```

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

```
.border{ border-color:#1E9CAF }
```

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

Here you see how a box with a 4 pixel #1E9CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9CAF; -webkit-box-shadow:4px 4px  
4px 4px #1E9CAF; box-shadow:4px 4px 4px  
4px #1E9CAF }
```

Background

The CSS property to change the background color of an element to Hex 1E9CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9CAF }
```

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

```
.background{ background-color:#1E9CAF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor