

Converting Colors

Hex(1EAF9A)

Have a look what the booklet for
Hex(1EAF9A) contains.

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Color

Hex(1EAF9A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1EAF9A |
| RGB | 30, 175, 154 |
| RGB Percent | 12%, 69%, 60% |
| CMY | 0.8824, 0.3137, 0.3961 |
| CMYK | 0.83, 0.00, 0.12, 0.31 |
| HSL | 171°, 71%, 40% |
| HSV | 171°, 83%, 69% |
| XYZ | 21.6981, 33.2691, 35.8498 |
| YIQ | 129.2510, -79.6790, -37.2710 |

Conversions

Conversions Part 2

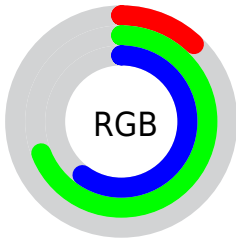
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 30, 108, 175 |
| Decimal | 2011034 |
| CIELab | 64.38, -40.87, 0.48 |
| CIElCh | 64, 40.876, 179.328 |
| Yxy | 33.2691, 0.2389, 0.3663 |
| Android (android.graphics.Color) | 4280201114 (0xFF1EAF9A) |
| YUV | 129.2510, 12.2013, -87.0431 |
| Hunter-Lab | 57.6793, -33.7897, 3.5246 |

Details

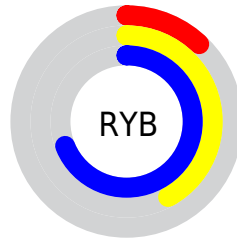
The Hex color **1EAF9A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF1E33**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **67E7D0**, and **007A67** is the 20% darker color. If you saturate the color by 10%, you get **0DAF97**, and if you desaturate by 10%, it is **30AF9D**.

Distribution



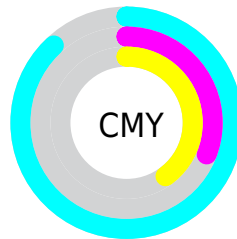
- Red (12%)
- Green (69%)
- Blue (60%)



- Red (12%)
- Yellow (42%)
- Blue (69%)



- Cyan (83%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (88%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EAF9A 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 1EAF9A by changing the saturation by 10% instead.



1EAF9A



1EAF9A

FFFFFF



009480



67E7D0



007A67



86FFED



00604F



A4FFFF



004738



C2FFFF



003023



E0FFFF



00180E

FEFFFF



000000



1EAF9A



1EAF9A



0DAF97



30AF9D

■ 00AF96

■ 41AF9F

■ 53AFA2

■ 64AFA4

■ 76AFA7

■ 87AFA9

■ 99AFAC

■ AAFAE

■ BCAFB1

Harmonies

Analogous

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



62AC76



1EAF9A



00AEBF

Triad

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



1EAF9A



9E93DC



D18D5E

Complementary

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



1EAF9A



AF1E33

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.



E1827A



1EAF9A



C986C2

Square

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



1EAF9A



60A0E5



DF7F9E



B49A52

Rectangle

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



1EAF9A



00ACD2



DF7F9E



D88966

Sweetspot

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



1EAF9A



AAE3DB



34AF1E



50736E



F2F2F2



737373

Same Dimension

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



1EAF9A



02E3C2



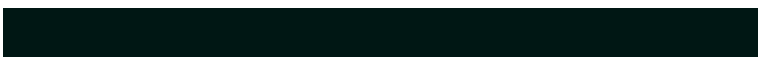
1E7CAF



4E5755



009681



001714

Inverse Universe

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



AF1E33



E30223



AF511E



574E4F



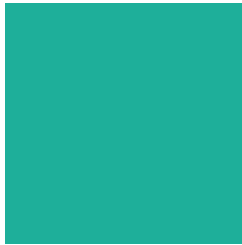
960016



170003

Previews

White Background



This preview shows how the Hex color 1EAF9A looks on a white background.

Color Contrast Check

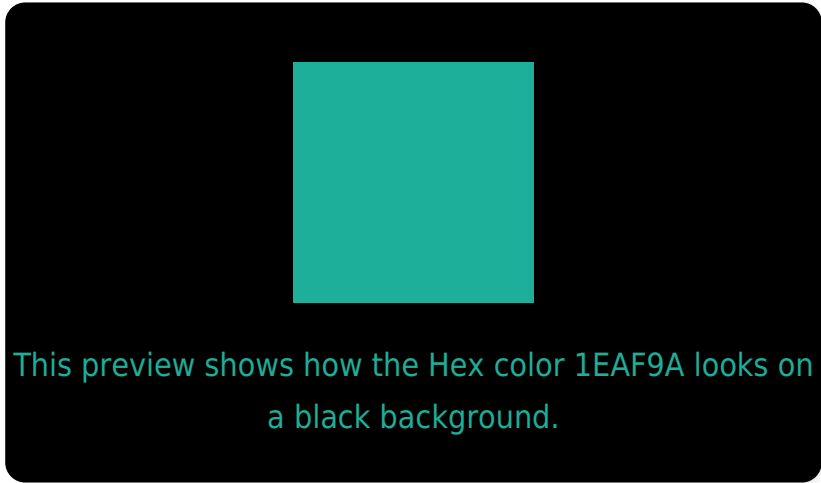
Large Text (above 18pt) WCAG AA × Fail

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

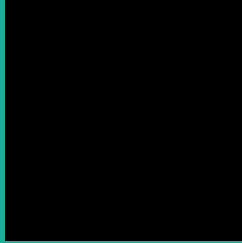
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 1EAF9A Background



This preview shows how black text looks on a background with the Hex color 1EAF9A.

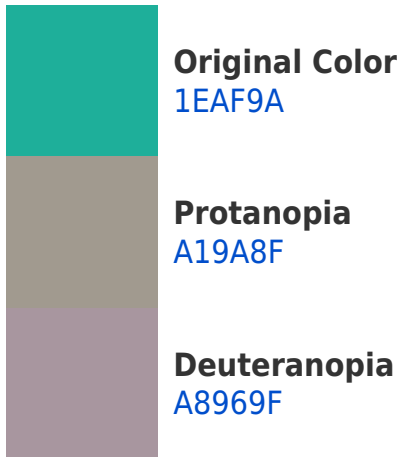


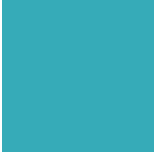
This preview shows how white text looks on a background with the Hex color 1EAF9A.

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
36ABB8

Trichromacy



Original Color
1EAF9A



Protanomaly
71A293



Deuteranomaly
769F9D



Tritanomaly
2DACAD

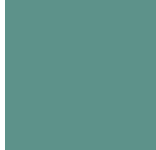
Monochromacy



Original Color
1EAF9A



Achromatopsia
818181



Achromatomaly
5D928A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EAF9A 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 #1EAF9A looks like.

```
.text, #text, p{  
    color:#1EAF9A  
}
```

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 #1EAF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EAF9A
}
```

Border

The CSS property to change the border of an element to Hex 1EAF9A 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
#1EAF9A }
```

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

```
.border{ border-color:#1EAF9A }
```

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

Here you see how a box with a 4 pixel #1EAF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EAF9A; -webkit-box-shadow:4px 4px  
4px 4px #1EAF9A; box-shadow:4px 4px 4px  
4px #1EAF9A }
```

Background

The CSS property to change the background color of an element to Hex 1EAF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EAF9A }
```

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

```
.background{ background-color:#1EAF9A }
```

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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