

Converting Colors

Hex(1EA09A)

Have a look what the booklet for
Hex(1EA09A) contains.

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Color

Hex(1EA09A)

Conversions

Conversions Part 1

Format	Color
Hex	1EA09A
RGB	30, 160, 154
RGB Percent	12%, 63%, 60%
CMY	0.8824, 0.3725, 0.3961
CMYK	0.81, 0.00, 0.04, 0.37
HSL	177°, 68%, 37%
HSV	177°, 81%, 63%
XYZ	18.9390, 27.7507, 34.9301
YIQ	120.4460, -75.5540, -29.4260

Conversions

Conversions Part 2

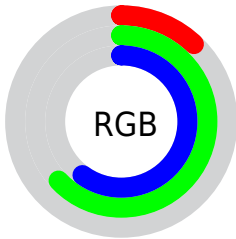
Format	Color
R_{YB}	30, 97, 160
Decimal	2007194
CIE _{Lab}	59.66, -34.09, -6.46
CIE _{LCh}	60, 34.699, 190.728
Yxy	27.7507, 0.2320, 0.3400
Android (android.graphics.Color)	4280197274 (0xFF1EA09A)
YUV	120.4460, 16.5421, -79.3211
Hunter-Lab	52.6790, -28.0145, -2.4384

Details

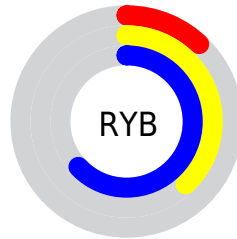
The Hex color **1EA09A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A01E24**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **65D7D0**, and **006C67** is the 20% darker color. If you saturate the color by 10%, you get **0EA099**, and if you desaturate by 10%, it is **2EA09B**.

Distribution



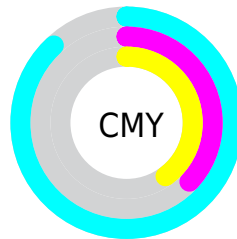
- Red (12%)
- Green (63%)
- Blue (60%)



- Red (12%)
- Yellow (38%)
- Blue (63%)



- Cyan (81%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (88%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EA09A 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 1EA09A by changing the saturation by 10% instead.

 1EA09A

 1EA09A

FFFFFF

 008580

 65D7D0

 006C67

 83F4ED

 00534F

 A0FFFF

 003B38

 BEFFFF

 002623

 DCFFFF

 00010E

 FAFFFF

 000000

 1EA09A

 1EA09A

 0EA099

 2EA09B

■ 00A099

■ 3EA09B

■ 4EA09C

■ 5EA09D

■ 6EA09E

■ 7EA09E

■ 8EA09F

■ 9EA0A0

■ AEA0A1

Harmonies

Analogous

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



519E7B



1EA09A



009EB7

Triad

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



1EA09A



A184BE



B48756

Complementary

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



1EA09A



A01E24

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.



C67D69



1EA09A



BF7AA5

Square

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



1EA09A



758FCB



CB7886



999153

Rectangle

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



1EA09A



279BC4



CB7886



BC835B

Sweetspot

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



1EA09A



9FD1CF



24A01E



4A6967



E8E8E8



696969

Same Dimension

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



1EA09A



04D1C8



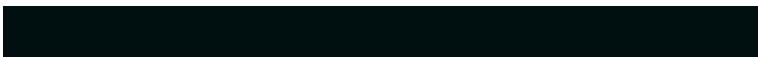
1E66A0



474F4F



008F88



000F0F

Inverse Universe

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



A01E24



D1040E



A0591E



4F4748



8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 1EA09A looks on a white background.

Color Contrast Check

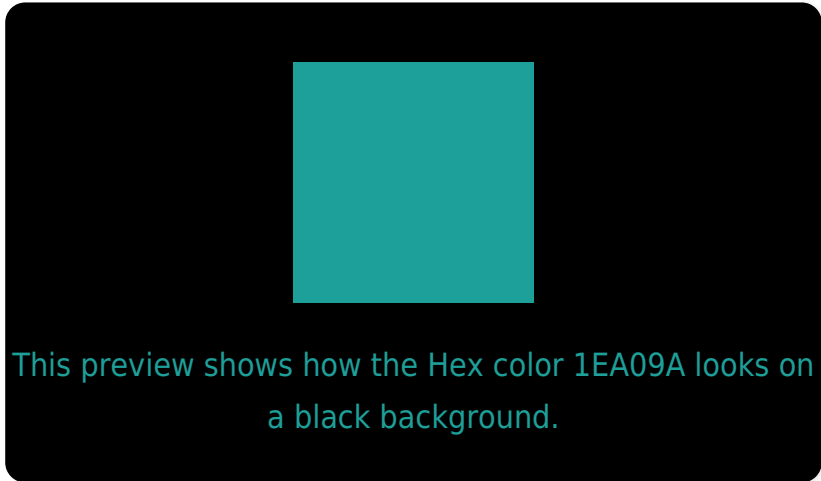
Large Text (above 18pt) WCAG AA ✓ Pass

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

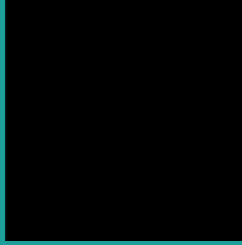
Any Text WCAG AA ✓ Pass

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 1EA09A Background



This preview shows how black text looks on a background with the Hex color 1EA09A.

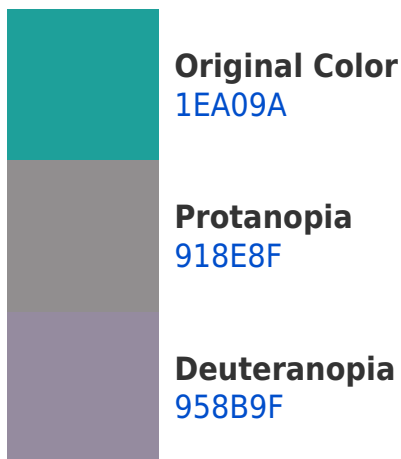


This preview shows how white text looks on a background with the Hex color 1EA09A.

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](#).

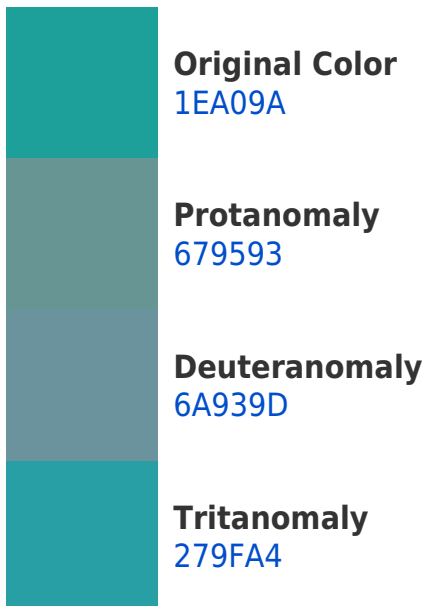
Dichromacy



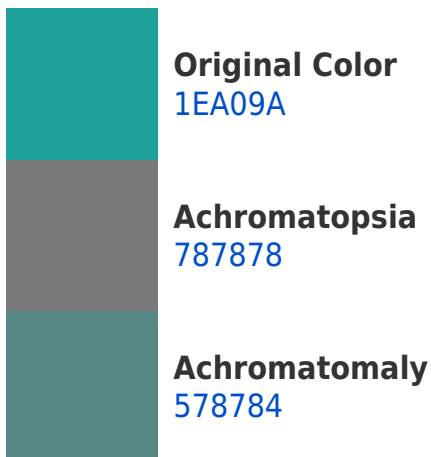


Tritanopia
2C9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1EA09A 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 #1EA09A looks like.

```
.text, #text, p{  
    color:#1EA09A  
}
```

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 #1EA09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA09A
}
```

Border

The CSS property to change the border of an element to Hex 1EA09A 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
#1EA09A }
```

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

```
.border{ border-color:#1EA09A }
```

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

Here you see how a box with a 4 pixel #1EA09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA09A; -webkit-box-shadow:4px 4px  
4px 4px #1EA09A; box-shadow:4px 4px 4px  
4px #1EA09A }
```

Background

The CSS property to change the background color of an element to Hex 1EA09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA09A }
```

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

```
.background{ background-color:#1EA09A }
```

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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