

Converting Colors

Hex(1A90A1)

Have a look what the booklet for
Hex(1A90A1) contains.

Hex(1A90A1)	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(1A90A1)

Conversions

Conversions Part 1

Format	Color
Hex	1A90A1
RGB	26, 144, 161
RGB Percent	10%, 56%, 63%
CMY	0.8980, 0.4353, 0.3686
CMYK	0.84, 0.11, 0.00, 0.37
HSL	188°, 72%, 37%
HSV	188°, 84%, 63%
XYZ	16.8323, 22.7393, 37.2202
YIQ	110.6560, -75.7850, -19.7290

Conversions

Conversions Part 2

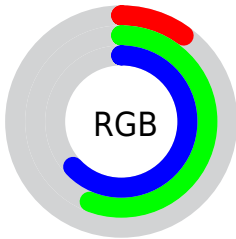
Format	Color
R_{YB}	26, 89, 161
Decimal	1740961
CIE _{Lab}	54.80, -24.40, -17.77
CIE _{LCh}	55, 30.185, 216.060
Yxy	22.7393, 0.2192, 0.2961
Android (android.graphics.Color)	4279931041 (0xFF1A90A1)
YUV	110.6560, 24.8196, -74.2433
Hunter-Lab	47.6858, -20.4426, -12.8976

Details

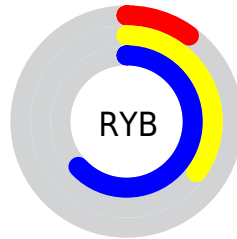
The Hex color **1A90A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A12B1A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **62C6D8**, and **005D6D** is the 20% darker color. If you saturate the color by 10%, you get **0A8EA1**, and if you desaturate by 10%, it is **2A92A1**.

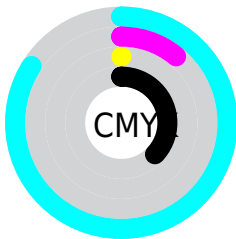
Distribution



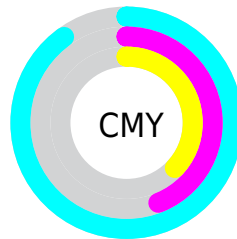
- Red (10%)
- Green (56%)
- Blue (63%)



- Red (10%)
- Yellow (35%)
- Blue (63%)



- Cyan (84%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)



- Cyan (90%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A90A1 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 1A90A1 by changing the saturation by 10% instead.

■ 1A90A1

■ 1A90A1

FFFFFF

■ 007687

■ 62C6D8

■ 005D6D

■ 7FE2F4

■ 004555

■ 9DFFFF

■ 002E3E

■ BAFFFF

■ 001B28

■ D8FFFF

■ 000113

■ F6FFFF

■ 000000

■ 1A90A1

■ 1A90A1

■ 0A8EA1

■ 2A92A1

008DA1

3A94A1

4A96A1

5A98A1

6A9AA1

7B9CA1

8B9EA1

9BA0A1

ABA2A1

Harmonies

Analogous

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



319188



1A90A1



3A8CB2

Triad

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



1A90A1



A87299



8F834F

Complementary

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



1A90A1



A12B1A

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.



A67A54



1A90A1



B56F7F

Square

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



1A90A1



8D7AAD



B47266



738B58

Rectangle

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



1A90A1



5887B7



B47266



98804F

Sweetspot

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



1A90A1



9DCBD1



1AA12A



496569



E8E8E8



696969

Same Dimension

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



1A90A1



00B7D1



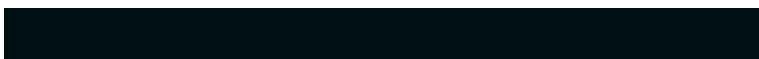
1A4EA1



495152



007F91



001012

Inverse Universe

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



A11A90



D100B7



A16D1A



524951



91007F



120010

Previews

White Background



This preview shows how the Hex color 1A90A1 looks on a white background.

Color Contrast Check

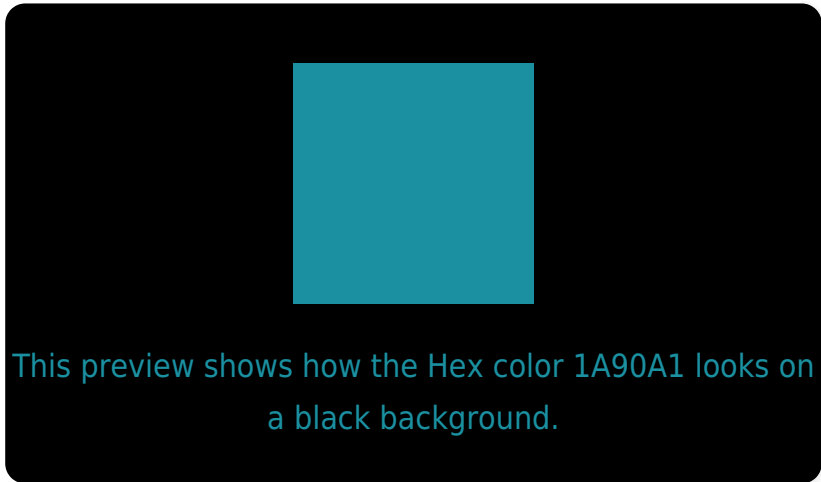
Large Text (above 18pt) WCAG AA ✓ Pass

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

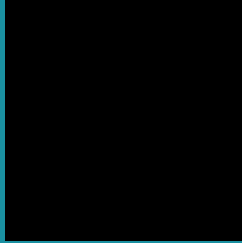
Any Text WCAG AA ✓ Pass

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 1A90A1 Background



This preview shows how black text looks on a background with the Hex color 1A90A1.

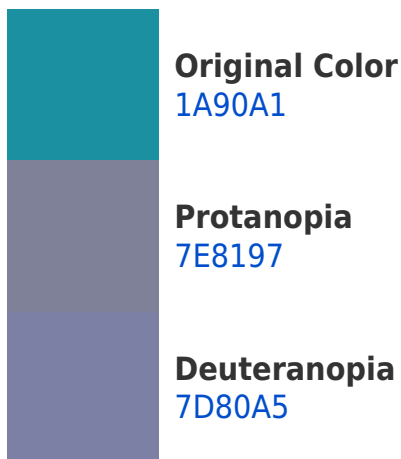


This preview shows how white text looks on a background with the Hex color 1A90A1.

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
13919D

Trichromacy



Original Color
1A90A1



Protanomaly
5A869B



Deuteranomaly
5986A4



Tritanomaly
16919E

Monochromacy



Original Color
1A90A1



Achromatopsia
6F6F6F



Achromatomaly
507B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A90A1 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 #1A90A1 looks like.

```
.text, #text, p{  
    color:#1A90A1  
}
```

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 #1A90A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A90A1
}
```

Border

The CSS property to change the border of an element to Hex 1A90A1 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
#1A90A1 }
```

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

```
.border{ border-color:#1A90A1 }
```

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

Here you see how a box with a 4 pixel #1A90A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A90A1; -webkit-box-shadow:4px 4px  
4px 4px #1A90A1; box-shadow:4px 4px 4px  
4px #1A90A1 }
```

Background

The CSS property to change the background color of an element to Hex 1A90A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A90A1 }
```

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

```
.background{ background-color:#1A90A1 }
```

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