

# Converting Colors

Hex(1490AE)

Have a look what the booklet for  
Hex(1490AE) contains.

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**Color**

**Hex(1490AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1490AE
RGB	20, 144, 174
RGB Percent	8%, 56%, 68%
CMY	0.9216, 0.4353, 0.3176
CMYK	0.89, 0.17, 0.00, 0.32
HSL	192°, 79%, 38%
HSV	192°, 89%, 68%
XYZ	17.9017, 23.1512, 43.5695
YIQ	110.3440, -83.5340, -16.9580

# Conversions

## Conversions Part 2

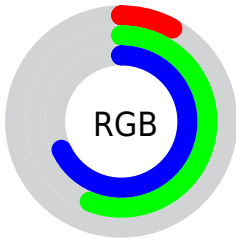
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 89, 174
Decimal	1347758
CIELab	55.23, -20.41, -24.57
CIELCh	55, 31.942, 230.291
Yxy	23.1512, 0.2115, 0.2736
Android (android.graphics.Color)	4279537838 (0xFF1490AE)
YUV	110.3440, 31.3824, -79.2317
Hunter-Lab	48.1157, -17.7906, -20.0070

# Details

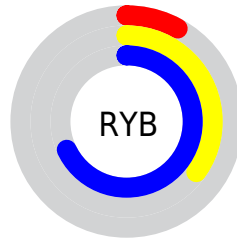
The Hex color **1490AE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AE3214**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **62C6E6**, and **005D79** is the 20% darker color. If you saturate the color by 10%, you get **038DAE**, and if you desaturate by 10%, it is **2593AE**.

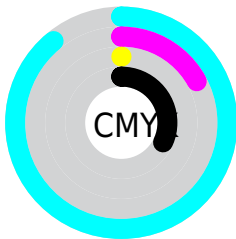
# Distribution



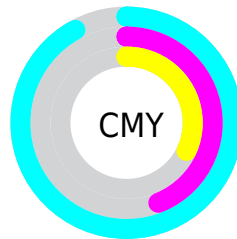
- Red (8%)
- Green (56%)
- Blue (68%)



- Red (8%)
- Yellow (35%)
- Blue (68%)



- Cyan (89%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (92%)
- Magenta (44%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1490AE 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 1490AE by changing the saturation by 10% instead.



1490AE

1490AE

FFFFFF

007693

62C6E6

005D79

80E2FF

004661

9EFFFF

002F49

BCFFFF

001C32

D9FFFF

00021D

F8FFFF

000000

1490AE

1490AE

038DAE

2593AE

■ 008CAE

■ 3797AE

■ 489AAE

■ 5A9EAE

■ 6BA1AE

■ 7CA4AE

■ 8EA8AE

■ 9FABAE

■ B1AFAE

# Harmonies

## Analogous

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



109396



1490AE



4B8ABA

# Triad

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



1490AE



B46F8E



83884F

# Complementary

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



1490AE



AE3214

# 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.



9E7F4E



1490AE



BA6F72

# Square

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



1490AE



9E76A8



B2765B



648F60

# Rectangle

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



1490AE



6C84BA



B2765B



8D864D



# Sweetspot

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



1490AE



A6D7E3



14AE30



4E6C73



F2F2F2



737373



# Same Dimension

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



1490AE



00B7E3



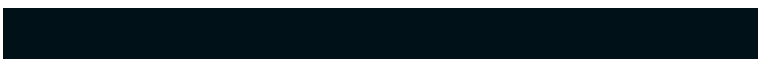
1445AE



4E5557



007996



001217



# Inverse Universe

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



AE1490



E300B7



AE7D14



574E55



960079



170012



# Previews

## White Background



This preview shows how the Hex color 1490AE looks on a white background.

## Color Contrast Check

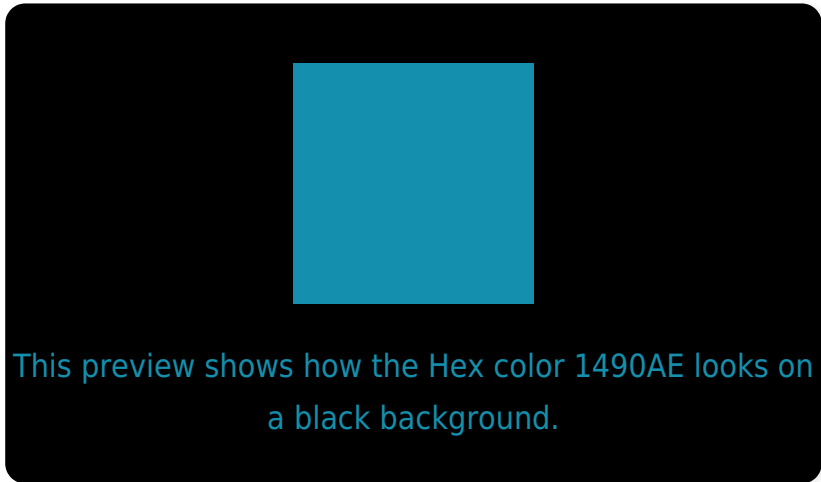
Large Text (above 18pt) WCAG AA ✓ Pass

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 1490AE Background



This preview shows how black text looks on a background with the Hex color 1490AE.

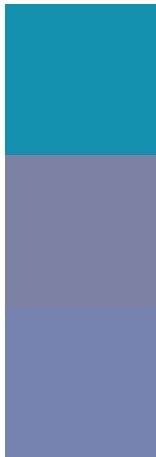


This preview shows how white text looks on a background with the Hex color 1490AE.

# 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



**Original Color**  
1490AE

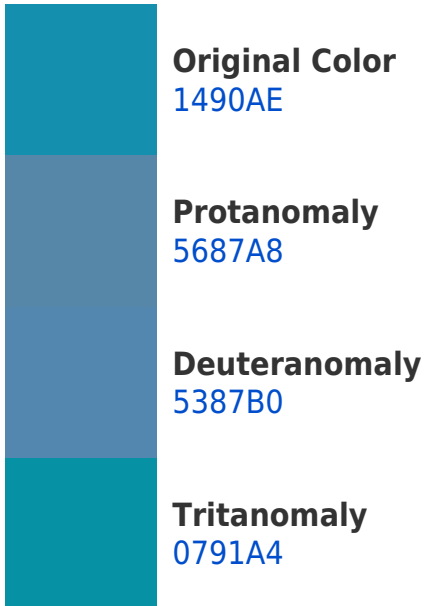
**Protanopia**  
7B82A4

**Deuteranopia**  
7782B1

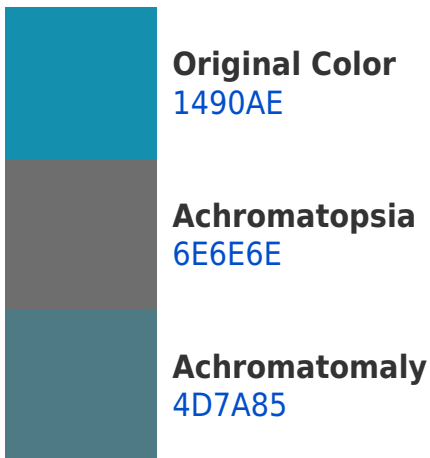


**Tritanopia**  
00929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1490AE 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 #1490AE looks like.

```
.text, #text, p{  
    color:#1490AE  
}
```

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 #1490AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1490AE
}
```

## Border

The CSS property to change the border of an element to Hex 1490AE 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
#1490AE }
```

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

```
.border{ border-color:#1490AE }
```

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

Here you see how a box with a 4 pixel #1490AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1490AE; -webkit-box-shadow:4px 4px  
4px 4px #1490AE; box-shadow:4px 4px 4px  
4px #1490AE }
```

# Background

The CSS property to change the background color of an element to Hex 1490AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1490AE }
```

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

```
.background{ background-color:#1490AE }
```

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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