

# Converting Colors

Hex(1490C3)

Have a look what the booklet for  
Hex(1490C3) contains.

<b>Hex(1490C3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(1490C3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1490C3
RGB	20, 144, 195
RGB Percent	8%, 56%, 76%
CMY	0.9216, 0.4353, 0.2353
CMYK	0.90, 0.26, 0.00, 0.24
HSL	197°, 81%, 42%
HSV	197°, 90%, 76%
XYZ	20.1121, 24.0354, 55.2090
YIQ	112.7380, -90.2750, -10.4270

# Conversions

## Conversions Part 2

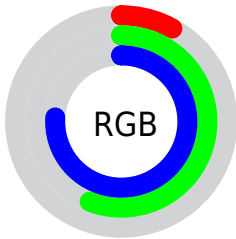
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 93, 195
Decimal	1347779
CIE <sub>Lab</sub>	56.12, -12.93, -35.13
CIE <sub>LCh</sub>	56, 37.435, 249.800
Yxy	24.0354, 0.2024, 0.2419
Android (android.graphics.Color)	4279537859 (0xFF1490C3)
YUV	112.7380, 40.5552, -81.3312
Hunter-Lab	49.0259, -12.5686, -32.4495

# Details

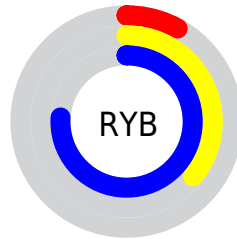
The Hex color **1490C3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C34714**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **66C6FC**, and **005E8D** is the 20% darker color. If you saturate the color by 10%, you get **008AC3**, and if you desaturate by 10%, it is **2796C3**.

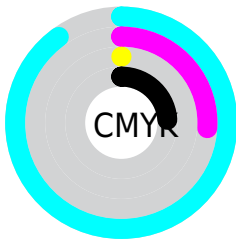
# Distribution



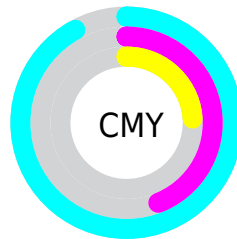
- Red (8%)
- Green (56%)
- Blue (76%)



- Red (8%)
- Yellow (36%)
- Blue (76%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (92%)
- Magenta (44%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1490C3 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 1490C3 by changing the saturation by 10% instead.



 1490C3

 1490C3

FFFFFF

 0076A8

 66C6FC

 005E8D

 85E2FF

 004673

 A3FEFF

 00305A

 C1FFFF

 001C43

 E0FFFF

 00032C

FEFFFF

 000116

 000000

 1490C3

 1490C3

008AC3

2796C3

3B9BC3

4EA1C3

62A7C3

75ACC3

89B2C3

9CB8C3

B0BDC3

C3C3C3

# Harmonies

## Analogous

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



0096AF



1490C3



6686C6

# Triad

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



1490C3



C56C7D



6D9153

# Complementary

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



1490C3



C34714

# 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.



908845



1490C3



C0725E

# Square

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



1490C3



B76F9E



AD7D49



41966F

# Rectangle

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



1490C3



897EBF



AD7D49



7A8E4C

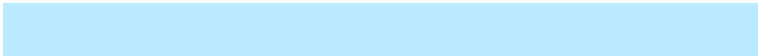


# Sweetspot

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



1490C3



B8E9FC



14C346



577480



000000



808080



# Same Dimension

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



1490C3



00B3FC



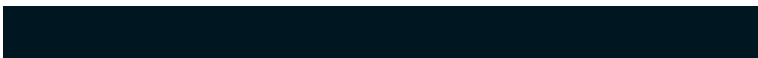
143AC3



575E61



0072A1



001721



# Inverse Universe

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



C31490



FC00B3



C39D14



61575E



A10072



210017



# Previews

## White Background



This preview shows how the Hex color 1490C3 looks on a white background.

## Color Contrast Check

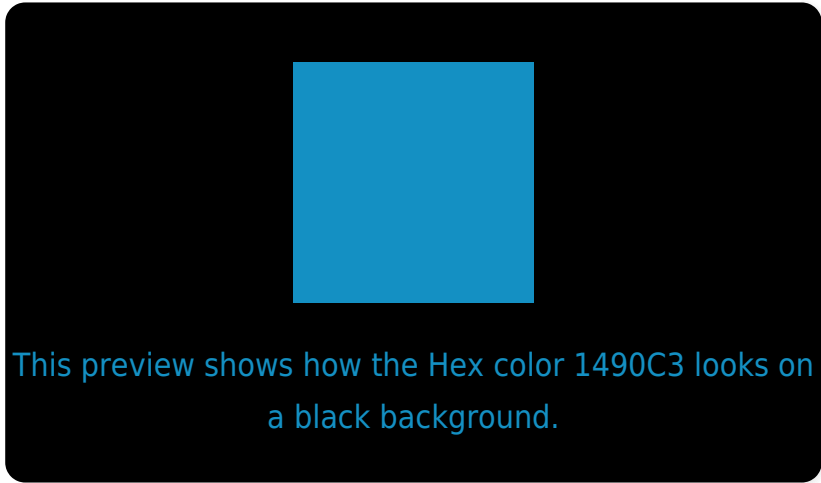
Large Text (above 18pt) WCAG AA ✓ Pass

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

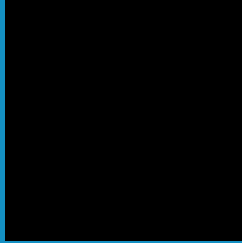
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1490C3 Background



This preview shows how black text looks on a background with the Hex color 1490C3.

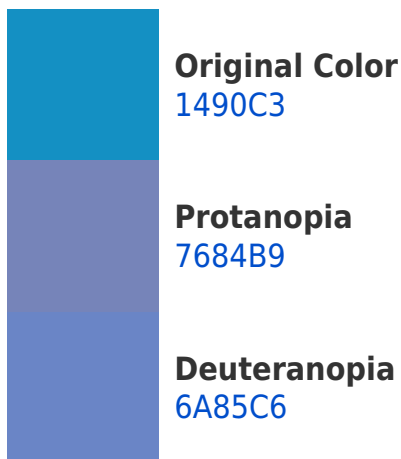


This preview shows how white text looks on a background with the Hex color 1490C3.

# 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



# Trichromacy



**Original Color**  
1490C3

**Protanomaly**  
5288BD

**Deuteranomaly**  
4B89C5

# Monochromacy



**Original Color**  
1490C3

**Achromatopsia**  
717171

**Achromatomaly**  
4F7C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1490C3 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 #1490C3 looks like.

```
.text, #text, p{  
    color:#1490C3  
}
```

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 #1490C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1490C3
}
```

## Border

The CSS property to change the border of an element to Hex 1490C3 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
#1490C3 }
```

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

```
.border{ border-color:#1490C3 }
```

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

Here you see how a box with a 4 pixel #1490C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1490C3; -webkit-box-shadow:4px 4px  
4px 4px #1490C3; box-shadow:4px 4px 4px  
4px #1490C3 }
```

# Background

The CSS property to change the background color of an element to Hex 1490C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1490C3 }
```

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

```
.background{ background-color:#1490C3 }
```

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