

Converting Colors

Hex(0490AC)

Have a look what the booklet for
Hex(0490AC) contains.

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Color

Hex(0490AC)

Conversions

Conversions Part 1

Format	Color
Hex	0490AC
RGB	4, 144, 172
RGB Percent	2%, 56%, 67%
CMY	0.9843, 0.4353, 0.3255
CMYK	0.98, 0.16, 0.00, 0.33
HSL	190°, 95%, 35%
HSV	190°, 98%, 67%
XYZ	17.4697, 22.9509, 42.5389
YIQ	105.3320, -92.4280, -20.9720

Conversions

Conversions Part 2

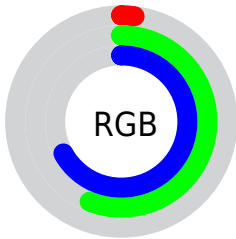
Format	Color
RYB	4, 80, 172
Decimal	299180
CIELab	55.02, -21.84, -23.76
CIELCh	55, 32.273, 227.402
Yxy	22.9509, 0.2106, 0.2767
Android (android.graphics.Color)	4278489260 (0xFF0490AC)
YUV	105.3320, 32.8673, -88.8682
Hunter-Lab	47.9071, -18.7459, -19.1114

Details

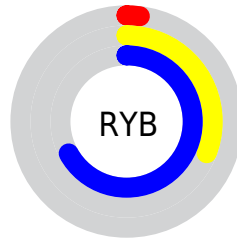
The Hex color **0490AC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AC2004**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DC6E3**, and **005D78** is the 20% darker color. If you saturate the color by 10%, you get **008FAC**, and if you desaturate by 10%, it is **1593AC**.

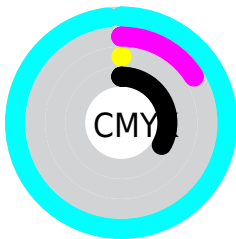
Distribution



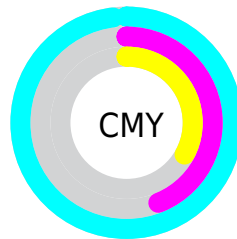
- Red (2%)
- Green (56%)
- Blue (67%)



- Red (2%)
- Yellow (31%)
- Blue (67%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0490AC 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 0490AC by changing the saturation by 10% instead.

 0490AC

 0490AC

FFFFFF

 007691

 5DC6E3

 005D78

 7CE2FF

 00455F

 9AFFFF

 002F47

 B8FFFF

 001C30

 D6FFFF

 00011B

 F4FFFF

 000000

 0490AC

 0490AC

 008FAC

 1593AC

■ 2696AC

■ 3899AC

■ 499BAC

■ 5A9EAC

■ 6BA1AC

■ 7CA4AC

■ 8EA7AC

■ 9FAAAC

Harmonies

Analogous

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



109393



0490AC



458ABA

Triad

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



0490AC



B36F91



86874D

Complementary

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



0490AC



AC2004

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.



A07E4D



0490AC



BA6E74

Square

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



0490AC



9B77AA



B3745C



668E5D

Rectangle

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



0490AC



6684BB



B3745C



8F844B

Sweetspot

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



0490AC



9FD6E0



04AC20



496A70



F0F0F0



707070

Same Dimension

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



0490AC



00BBE0



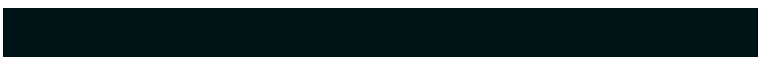
043CAC



4E5557



007D96



001317

Inverse Universe

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



AC0490



E000BB



AC7404



574E55



96007D



170013

Previews

White Background



This preview shows how the Hex color 0490AC looks on a white background.

Color Contrast Check

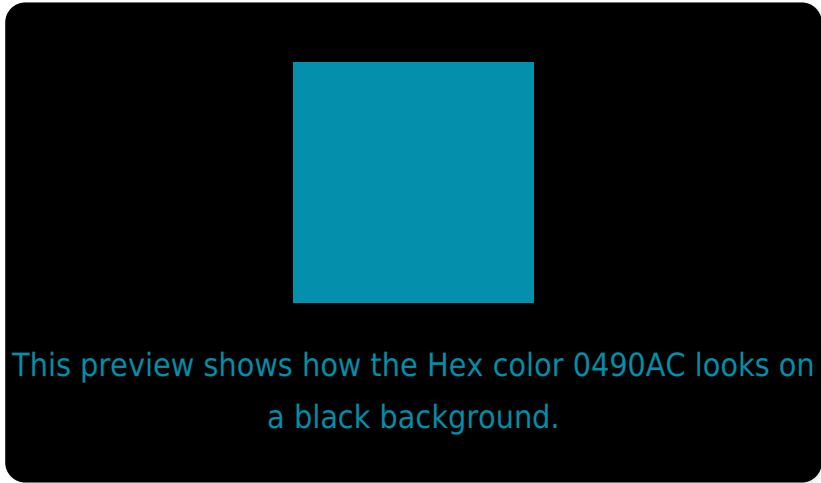
Large Text (above 18pt) WCAG AA ✓ Pass

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

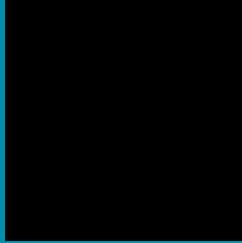
Any Text WCAG AA ✓ Pass

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 0490AC Background



This preview shows how black text looks on a background with the Hex color 0490AC.

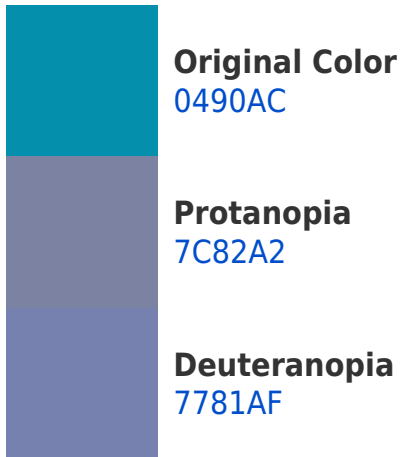


This preview shows how white text looks on a background with the Hex color 0490AC.

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](#).

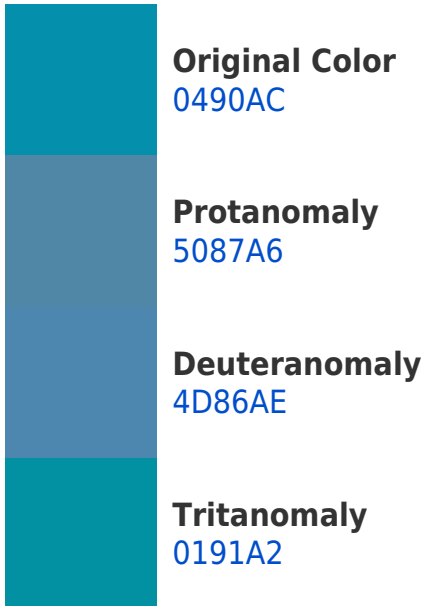
Dichromacy



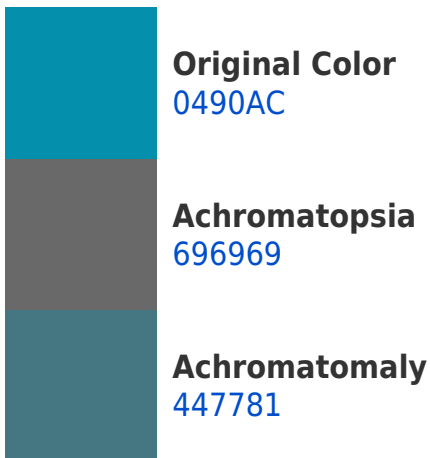


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0490AC 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 #0490AC looks like.

```
.text, #text, p{  
    color:#0490AC  
}
```

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 #0490AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0490AC
}
```

Border

The CSS property to change the border of an element to Hex 0490AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

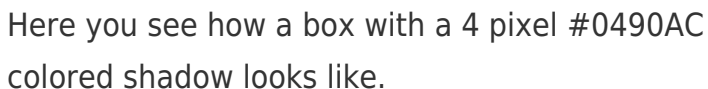
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0490AC }
```

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

```
.border{ border-color:#0490AC }
```

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



Here you see how a box with a 4 pixel #0490AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0490AC; -webkit-box-shadow:4px 4px  
4px 4px #0490AC; box-shadow:4px 4px 4px  
4px #0490AC }
```

Background

The CSS property to change the background color of an element to Hex 0490AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0490AC }
```

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

```
.background{ background-color:#0490AC }
```

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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