

Converting Colors

Hex(0490AA)

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

Hex(0490AA)	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(0490AA)

Conversions

Conversions Part 1

Format	Color
Hex	0490AA
RGB	4, 144, 170
RGB Percent	2%, 56%, 67%
CMY	0.9843, 0.4353, 0.3333
CMYK	0.98, 0.15, 0.00, 0.33
HSL	189°, 95%, 34%
HSV	189°, 98%, 67%
XYZ	17.2790, 22.8746, 41.5348
YIQ	105.1040, -91.7860, -21.5940

Conversions

Conversions Part 2

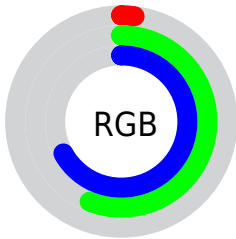
Format	Color
RYB	4, 80, 170
Decimal	299178
CIELab	54.94, -22.54, -22.73
CIELCh	55, 32.015, 225.241
Yxy	22.8746, 0.2115, 0.2800
Android (android.graphics.Color)	4278489258 (0xFF0490AA)
YUV	105.1040, 31.9937, -88.6682
Hunter-Lab	47.8274, -19.2097, -18.0100

Details

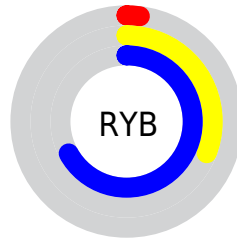
The Hex color **0490AA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AA1E04**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DC6E1**, and **005D76** is the 20% darker color. If you saturate the color by 10%, you get **008FAA**, and if you desaturate by 10%, it is **1593AA**.

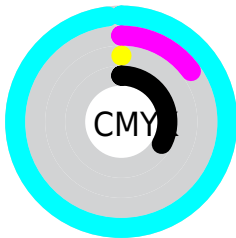
Distribution



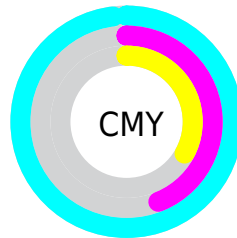
- Red (2%)
- Green (56%)
- Blue (67%)



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



- Cyan (98%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



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

Brightness & Saturation Gradients

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

0490AA

0490AA

FFFFFF

00768F

5DC6E1

005D76

7CE2FE

00455D

9AFFFF

002F45

B7FFFF

001C2F

D5FFFF

00011A

F4FFFF

000000

0490AA

0490AA

008FAA

1593AA

■ 2695AA

■ 3798AA

■ 489BAA

■ 599DAA

■ 6AA0AA

■ 7BA3AA

■ 8CA5AA

■ 9DA8AA

Harmonies

Analogous

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



179291



0490AA



428AB9

Triad

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



0490AA



B16F92



88864D

Complementary

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



0490AA



AA1E04

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.



A27D4E



0490AA



BA6E76

Square

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



0490AA



9877AB



B3745D



688D5C

Rectangle

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



0490AA



6385BA



B3745D



91834C

Sweetspot

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



0490AA



9ED4DE



04AA1D



496A70



F0F0F0



707070

Same Dimension

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



0490AA



00BBDE



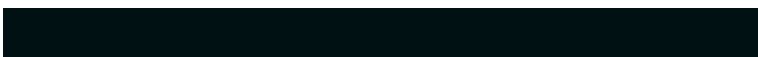
043EAA



4C5354



007D94



001114

Inverse Universe

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



AA0490



DE00BB



AA7004



544C53



94007D



140011

Previews

White Background



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

Color Contrast Check

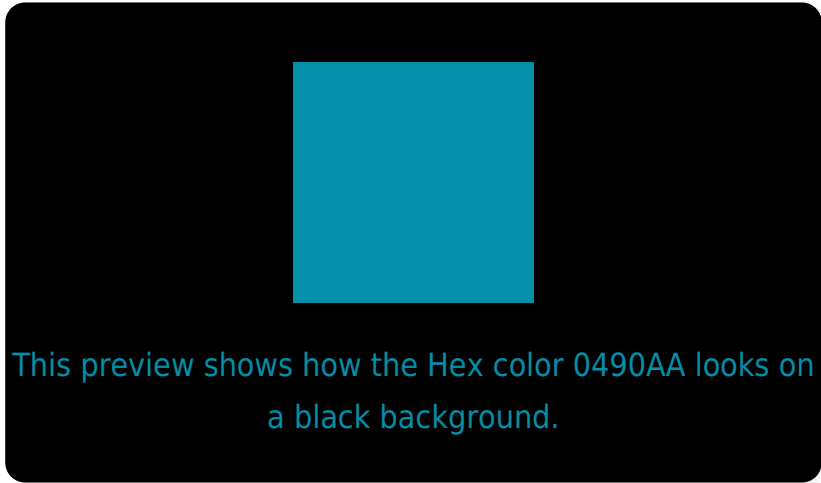
Large Text (above 18pt) WCAG AA ✓ Pass

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

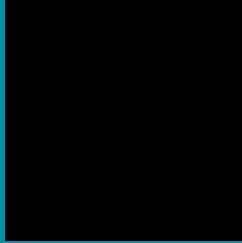
Any Text WCAG AA ✓ Pass

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 0490AA Background



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

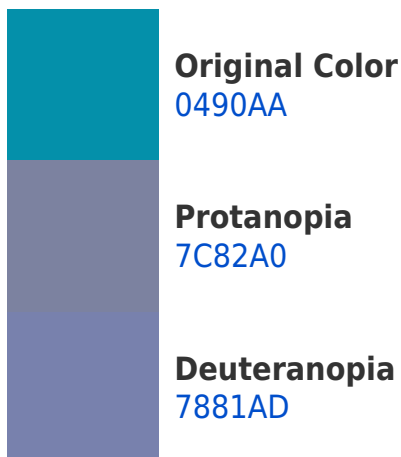


This preview shows how white text looks on a background with the Hex color 0490AA.

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



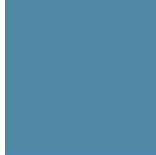


Tritanopia
00929D

Trichromacy



Original Color
0490AA



Protanomaly
5087A4



Deuteranomaly
4E86AC



Tritanomaly
0191A2

Monochromacy



Original Color
0490AA



Achromatopsia
696969



Achromatomaly
447781

CSS Examples

Text

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

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

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 #0490AA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 0490AA 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
#0490AA }
```

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

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

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

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

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

Background

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

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

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

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

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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