

Converting Colors

Hex(4790AB)

Have a look what the booklet for
Hex(4790AB) contains.

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Color

Hex(4790AB)

Conversions

Conversions Part 1

Format	Color
Hex	4790AB
RGB	71, 144, 171
RGB Percent	28%, 56%, 67%
CMY	0.7216, 0.4353, 0.3294
CMYK	0.58, 0.16, 0.00, 0.33
HSL	196°, 41%, 47%
HSV	196°, 58%, 67%
XYZ	19.9225, 24.2264, 42.1542
YIQ	125.2510, -52.1750, -7.0790

Conversions

Conversions Part 2

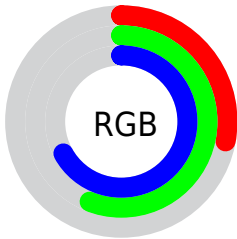
Format	Color
RYB	71, 113, 171
Decimal	4690091
CIELab	56.31, -14.69, -21.09
CIELCh	56, 25.698, 235.144
Yxy	24.2264, 0.2308, 0.2807
Android (android.graphics.Color)	4282880171 (0xFF4790AB)
YUV	125.2510, 22.5543, -47.5781
Hunter-Lab	49.2203, -13.8856, -16.3241

Details

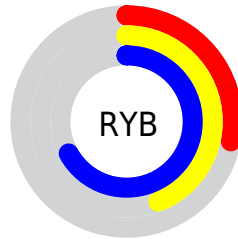
The Hex color **4790AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB6247**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **80C6E2**, and **005E77** is the 20% darker color. If you saturate the color by 10%, you get **368BAB**, and if you desaturate by 10%, it is **5895AB**.

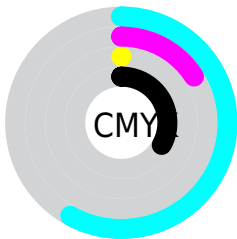
Distribution



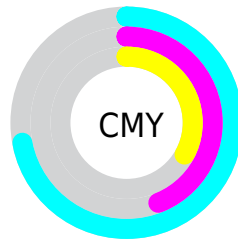
- Red (28%)
- Green (56%)
- Blue (67%)



- Red (28%)
- Yellow (44%)
- Blue (67%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (72%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4790AB 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 4790AB by changing the saturation by 10% instead.

4790AB

4790AB

FFFFFF

287690

80C6E2

005E77

9CE2FF

00465E

B8FFFF

002F46

D5FFFF

001C30

F3FFFF

00011B

000000

4790AB

4790AB

368BAB

5895AB

■ 2587AB

■ 6999AB

■ 1482AB

■ 7A9EAB

■ 037EAB

■ 8BA2AB

■ 007DAB

■ 9CA7AB

■ AEACAB

■ BFB0AB

■ D0B5AB

■ E1BAAB

Harmonies

Analogous

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



3F9399



4790AB



648AB3

Triad

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



4790AB



B0778C



838B5E

Complementary

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



4790AB



AB6247

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.



9A845B



4790AB



B47775

Square

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



4790AB



A07BA1



AB7D63



69916D

Rectangle

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



4790AB



7B85B2



AB7D63



8B895C

Sweetspot

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



4790AB



B6D3DE



47AB62



586A70



F0F0F0



707070

Same Dimension

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



4790AB



43B4DE



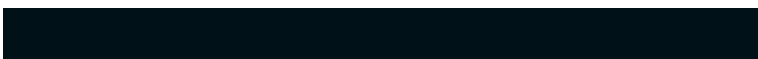
475EAB



4E5457



006E96



001117

Inverse Universe

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



AB4790



DE43B4



AB9447



574E54



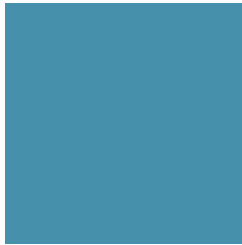
96006E



170011

Previews

White Background



This preview shows how the Hex color 4790AB looks on a white background.

Color Contrast Check

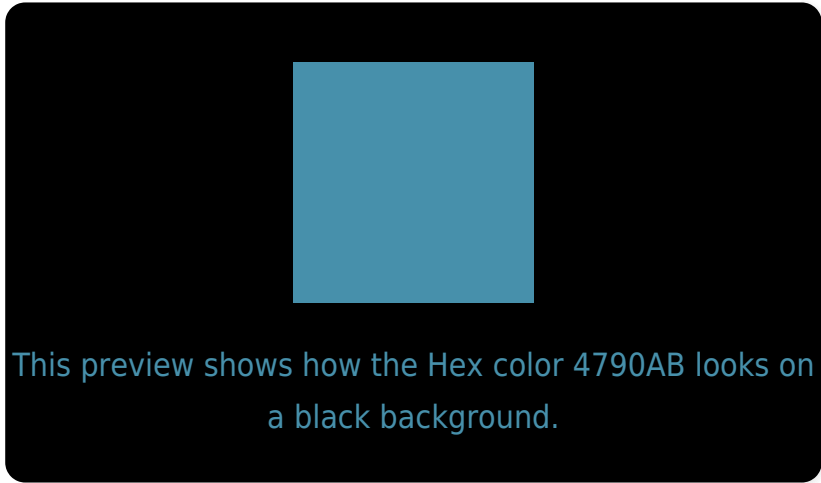
Large Text (above 18pt) WCAG AA ✓ Pass

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

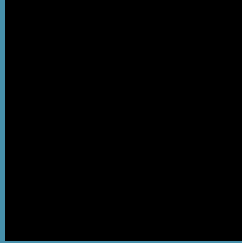
Any Text WCAG AA ✓ Pass

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 4790AB Background



This preview shows how black text looks on a background with the Hex color 4790AB.

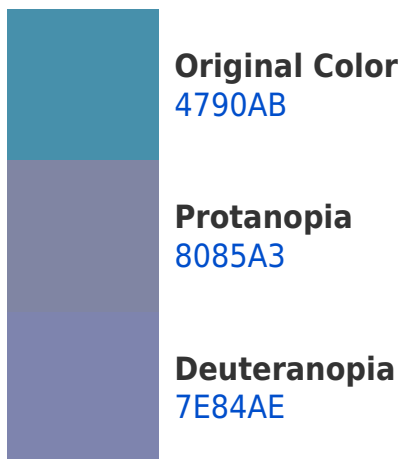


This preview shows how white text looks on a background with the Hex color 4790AB.

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](#).

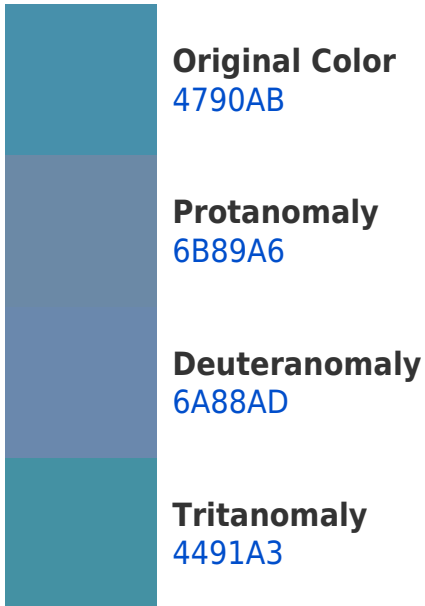
Dichromacy



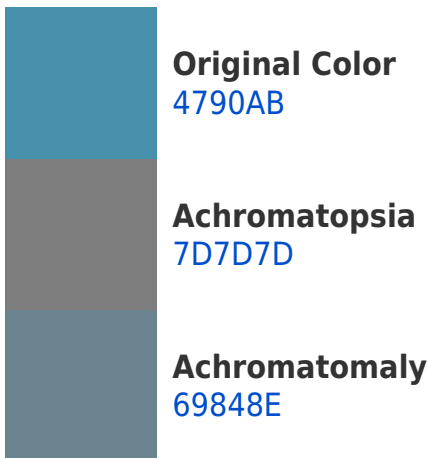


Tritanopia
42929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4790AB 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 #4790AB looks like.

```
.text, #text, p{  
    color:#4790AB  
}
```

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 #4790AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4790AB
}
```

Border

The CSS property to change the border of an element to Hex 4790AB 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
#4790AB }
```

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

```
.border{ border-color:#4790AB }
```

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

Here you see how a box with a 4 pixel #4790AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4790AB; -webkit-box-shadow:4px 4px  
4px 4px #4790AB; box-shadow:4px 4px 4px  
4px #4790AB }
```

Background

The CSS property to change the background color of an element to Hex 4790AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4790AB }
```

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

```
.background{ background-color:#4790AB }
```

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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