

Converting Colors

Hex(4791AE)

Have a look what the booklet for
Hex(4791AE) contains.

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Color

Hex(4791AE)

Conversions

Conversions Part 1

Format	Color
Hex	4791AE
RGB	71, 145, 174
RGB Percent	28%, 57%, 68%
CMY	0.7216, 0.4314, 0.3176
CMYK	0.59, 0.17, 0.00, 0.32
HSL	197°, 42%, 48%
HSV	197°, 59%, 68%
XYZ	20.3639, 24.6464, 43.7283
YIQ	126.1800, -53.4130, -6.6690

Conversions

Conversions Part 2

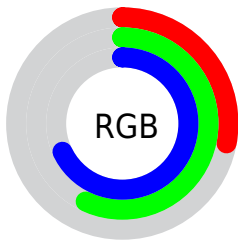
Format	Color
R _Y B	71, 114, 174
Decimal	4690350
CIE Lab	56.73, -14.30, -22.16
CIE LCh	57, 26.376, 237.169
Yxy	24.6464, 0.2295, 0.2777
Android (android.graphics.Color)	4282880430 (0xFF4791AE)
YUV	126.1800, 23.5753, -48.3929
Hunter-Lab	49.6451, -13.6601, -17.4721

Details

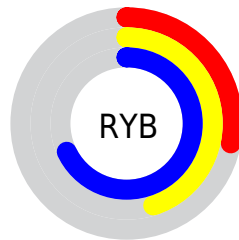
The Hex color **4791AE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE6447**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **80C7E6**, and **005E7A** is the 20% darker color. If you saturate the color by 10%, you get **368CAE**, and if you desaturate by 10%, it is **5896AE**.

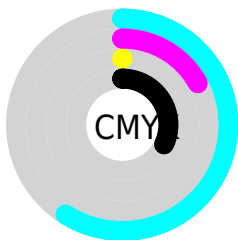
Distribution



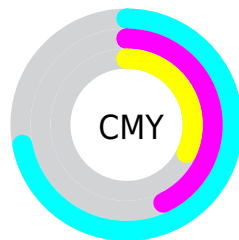
- Red (28%)
- Green (57%)
- Blue (68%)



- Red (28%)
- Yellow (45%)
- Blue (68%)



- Cyan (59%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4791AE 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 4791AE by changing the saturation by 10% instead.

■ 4791AE

■ 4791AE

FFFFFF

■ 277793

■ 80C7E6

■ 005E7A

■ 9CE3FF

■ 004761

■ B9FFFF

■ 003049

■ D6FFFF

■ 001C32

■ F4FFFF

■ 00021D

■ 000000

■ 4791AE

■ 4791AE

■ 368CAE

■ 5896AE

■ 2487AE

■ 6A9BAE

■ 1382AE

■ 7BA0AE

■ 017DAE

■ 8DA5AE

■ 007DAE

■ 9EA9AE

■ AFAEAE

■ C1B3AE

■ D2B8AE

■ E4BDAE

Harmonies

Analogous

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



3D949C



4791AE



668BB6

Triad

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



4791AE



B3778B



828D5F

Complementary

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



4791AE



AE6447

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.



9A865A



4791AE



B67874

Square

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



4791AE



A37BA1



AC7E62



68926F

Rectangle

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



4791AE



7D86B4



AC7E62



8B8B5C

Sweetspot

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



4791AE



BAD7E3



47AE62



5A6C73



F2F2F2



737373

Same Dimension

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



4791AE



42B6E3



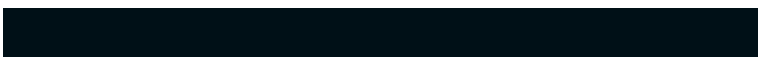
475FAE



4E5457



006C96



001017

Inverse Universe

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



AE4791



E342B6



AE9647



574E54



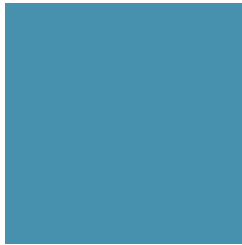
96006C



170010

Previews

White Background



This preview shows how the Hex color 4791AE looks on a white background.

Color Contrast Check

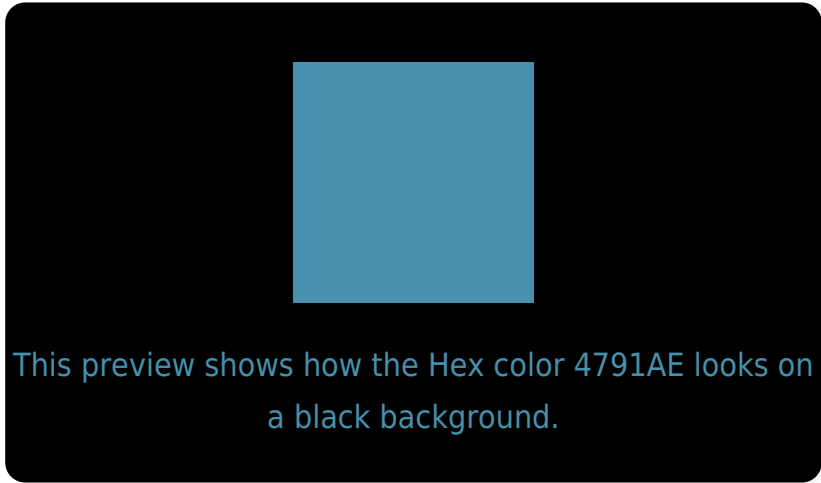
Large Text (above 18pt) WCAG AA ✓ Pass

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

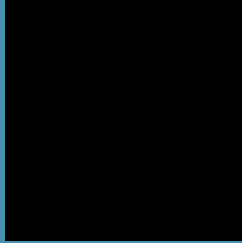
Any Text WCAG AA ✓ Pass

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 4791AE Background



This preview shows how black text looks on a background with the Hex color 4791AE.

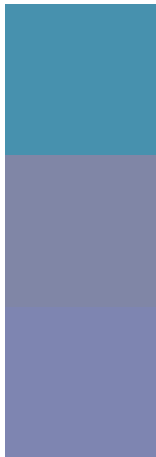


This preview shows how white text looks on a background with the Hex color 4791AE.

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
4791AE

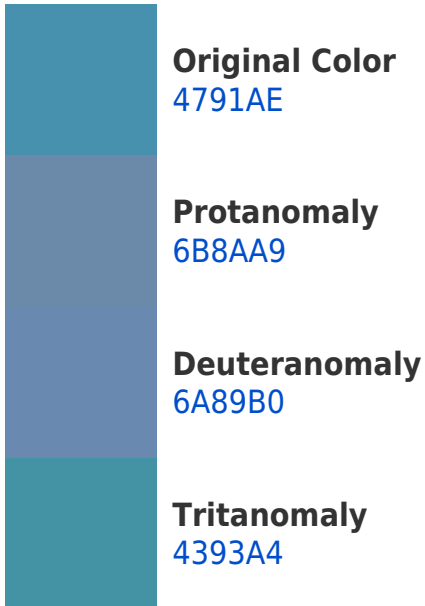
Protanopia
8086A6

Deuteranopia
7E85B1



Tritanopia
41949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4791AE 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 #4791AE looks like.

```
.text, #text, p{  
    color:#4791AE  
}
```

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 #4791AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4791AE
}
```

Border

The CSS property to change the border of an element to Hex 4791AE 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
#4791AE }
```

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

```
.border{ border-color:#4791AE }
```

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

Here you see how a box with a 4 pixel #4791AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4791AE; -webkit-box-shadow:4px 4px  
4px 4px #4791AE; box-shadow:4px 4px 4px  
4px #4791AE }
```

Background

The CSS property to change the background color of an element to Hex 4791AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4791AE }
```

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

```
.background{ background-color:#4791AE }
```

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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