

Converting Colors

Hex(4A91A4)

Have a look what the booklet for
Hex(4A91A4) contains.

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Color

Hex(4A91A4)

Conversions

Conversions Part 1

Format	Color
Hex	4A91A4
RGB	74, 145, 164
RGB Percent	29%, 57%, 64%
CMY	0.7098, 0.4314, 0.3569
CMYK	0.55, 0.12, 0.00, 0.36
HSL	193°, 38%, 47%
HSV	193°, 55%, 64%
XYZ	19.6503, 24.3870, 38.7934
YIQ	125.9370, -48.4150, -9.1430

Conversions

Conversions Part 2

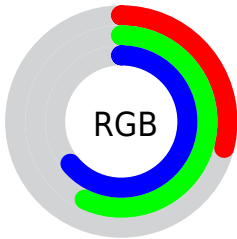
Format	Color
RYB	74, 114, 164
Decimal	4886948
CIELab	56.47, -16.73, -16.83
CIELCh	56, 23.733, 225.167
Yxy	24.3870, 0.2372, 0.2944
Android (android.graphics.Color)	4283077028 (0xFF4A91A4)
YUV	125.9370, 18.7651, -45.5487
Hunter-Lab	49.3832, -15.3928, -12.0076

Details

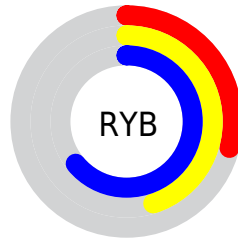
The Hex color **4A91A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A45D4A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **82C7DB**, and **015E70** is the 20% darker color. If you saturate the color by 10%, you get **3A8EA4**, and if you desaturate by 10%, it is **5A94A4**.

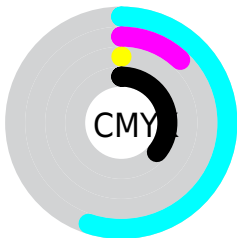
Distribution



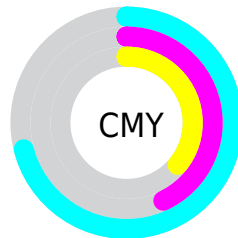
- Red (29%)
- Green (57%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A91A4 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 4A91A4 by changing the saturation by 10% instead.

■ 4A91A4

■ 4A91A4

FFFFFF

■ 2C778A

■ 82C7DB

■ 015E70

■ 9EE3F7

■ 004758

■ BAFFFF

■ 003040

■ D7FFFF

■ 001C2A

■ F4FFFF

■ 000116

■ 000000

■ 4A91A4

■ 4A91A4

■ 3A8EA4

■ 5A94A4

■ 298AA4

■ 6B98A4

■ 1987A4

■ 7B9BA4

■ 0883A4

■ 8C9FA4

■ 0081A4

■ 9CA2A4

■ ACA6A4

■ BDA9A4

■ CDADA4

■ DEB0A4

Harmonies

Analogous

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



4B9391



4A91A4



5F8CAF

Triad

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



4A91A4



AA7993



8C895F

Complementary

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



4A91A4



A45D4A

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.



9F8360



4A91A4



B1787E

Square

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



4A91A4



977FA5



AD7C6B



748F6A

Rectangle

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



4A91A4



7288B0



AD7C6B



93875E

Sweetspot

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



4A91A4



B4CFD6



4AA45C



57676B



EBEBEB



6B6B6B

Same Dimension

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



4A91A4



49B8D6



4A65A4



495052



007391



000E12

Inverse Universe

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



A44A91



D649B8



A4894A



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color 4A91A4 looks on a white background.

Color Contrast Check

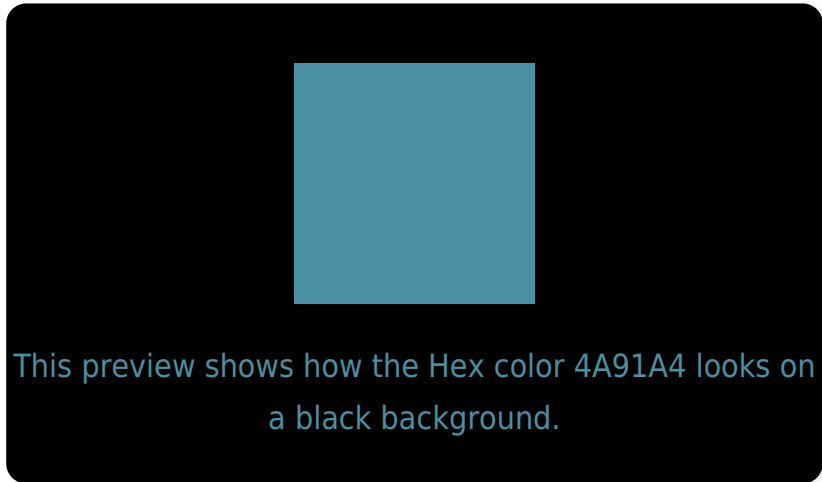
Large Text (above 18pt) WCAG AA ✓ Pass

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

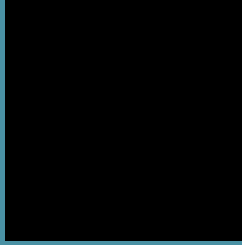
Any Text WCAG AA ✓ Pass

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 4A91A4 Background



This preview shows how black text looks on a background with the Hex color 4A91A4.

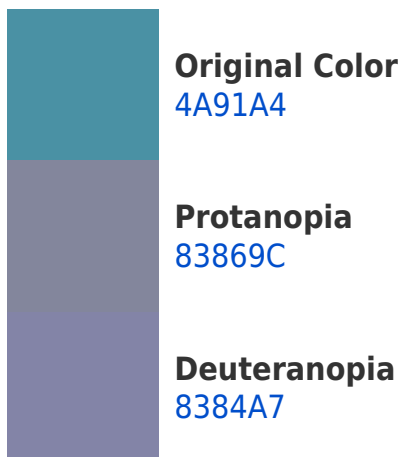


This preview shows how white text looks on a background with the Hex color 4A91A4.

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](#).

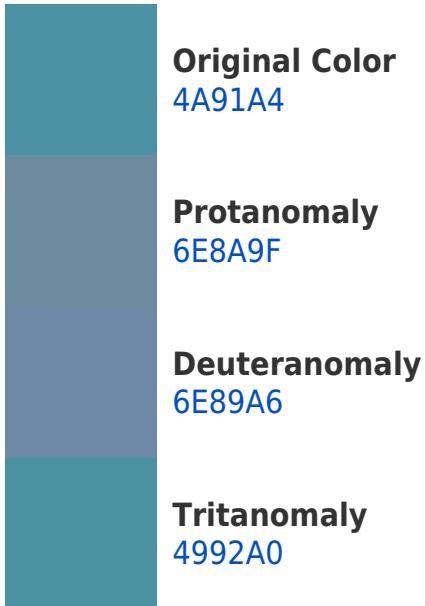
Dichromacy





Tritanopia
48929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A91A4 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 #4A91A4 looks like.

```
.text, #text, p{  
    color:#4A91A4  
}
```

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 #4A91A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A91A4
}
```

Border

The CSS property to change the border of an element to Hex 4A91A4 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
#4A91A4 }
```

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

```
.border{ border-color:#4A91A4 }
```

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

Here you see how a box with a 4 pixel #4A91A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A91A4; -webkit-box-shadow:4px 4px  
4px 4px #4A91A4; box-shadow:4px 4px 4px  
4px #4A91A4 }
```

Background

The CSS property to change the background color of an element to Hex 4A91A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A91A4 }
```

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

```
.background{ background-color:#4A91A4 }
```

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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