

Converting Colors

Hex(4F91AD)

Have a look what the booklet for
Hex(4F91AD) contains.

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Color

Hex(4F91AD)

Conversions

Conversions Part 1

Format	Color
Hex	4F91AD
RGB	79, 145, 173
RGB Percent	31%, 57%, 68%
CMY	0.6902, 0.4314, 0.3216
CMYK	0.54, 0.16, 0.00, 0.32
HSL	198°, 37%, 49%
HSV	198°, 54%, 68%
XYZ	20.8927, 24.9302, 43.2460
YIQ	128.4580, -48.3240, -5.2840

Conversions

Conversions Part 2

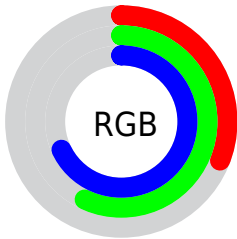
Format	Color
R_{YB}	79, 118, 173
Decimal	5214637
CIE _{Lab}	57.01, -12.93, -21.14
CIE _{LCh}	57, 24.781, 238.545
Yxy	24.9302, 0.2346, 0.2799
Android (android.graphics.Color)	4283404717 (0xFF4F91AD)
YUV	128.4580, 21.9592, -43.3747
Hunter-Lab	49.9301, -12.6866, -16.4018

Details

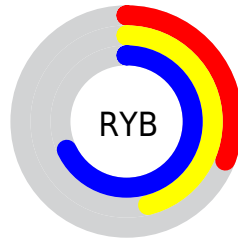
The Hex color **4F91AD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AD6B4F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **87C7E5**, and **0B5F79** is the 20% darker color. If you saturate the color by 10%, you get **3E8CAD**, and if you desaturate by 10%, it is **6096AD**.

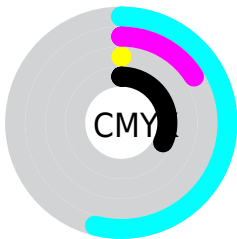
Distribution



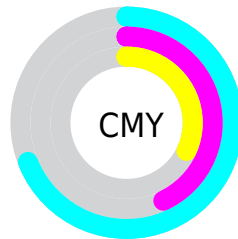
- Red (31%)
- Green (57%)
- Blue (68%)



- Red (31%)
- Yellow (46%)
- Blue (68%)



- Cyan (54%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F91AD 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 4F91AD by changing the saturation by 10% instead.

■ 4F91AD

■ 4F91AD

FFFFFF

■ 327792

■ 87C7E5

■ 0B5F79

■ A3E3FF

■ 004760

■ BFFFFF

■ 003048

■ DCFFFF

■ 001C31

■ FAFFFF

■ 00021C

■ 000000

■ 4F91AD

■ 4F91AD

■ 3E8CAD

■ 6096AD

■ 2C87AD

■ 729BAD

■ 1B82AD

■ 83A0AD

■ 0A7CAD

■ 94A6AD

■ 0079AD

■ A6ABAD

■ B7B0AD

■ C8B5AD

■ D9BAAD

■ EBBFAD

Harmonies

Analogous

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



45949D



4F91AD



6B8BB4

Triad

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



4F91AD



B2798B



828E62

Complementary

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



4F91AD



AD6B4F

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.



99875E



4F91AD



B47A75

Square

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



4F91AD



A37DA0



AB8065



699272

Rectangle

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



4F91AD



8086B2



AB8065



8A8C60

Sweetspot

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



4F91AD



BCD6E0



4FAD6A



5B6A70



F0F0F0



707070

Same Dimension

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



4F91AD



4FB5E0



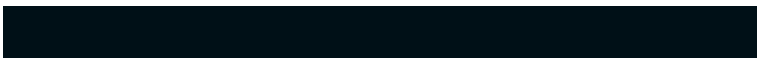
4F63AD



4E5457



006A96



001017

Inverse Universe

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



AD4F91



E04FB5



AD994F



574E54



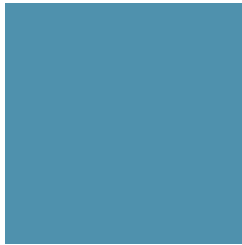
96006A



170010

Previews

White Background



This preview shows how the Hex color 4F91AD looks on a white background.

Color Contrast Check

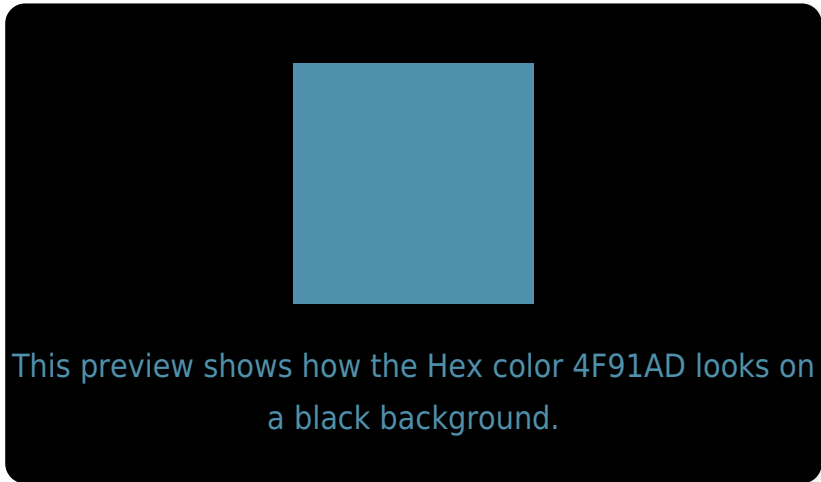
Large Text (above 18pt) WCAG AA ✓ Pass

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

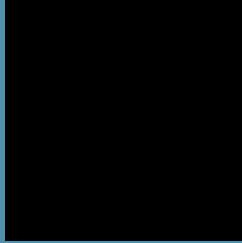
Any Text WCAG AA ✓ Pass

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 4F91AD Background



This preview shows how black text looks on a background with the Hex color 4F91AD.

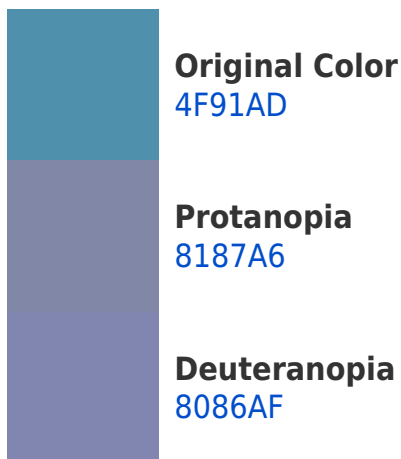


This preview shows how white text looks on a background with the Hex color 4F91AD.

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](#).

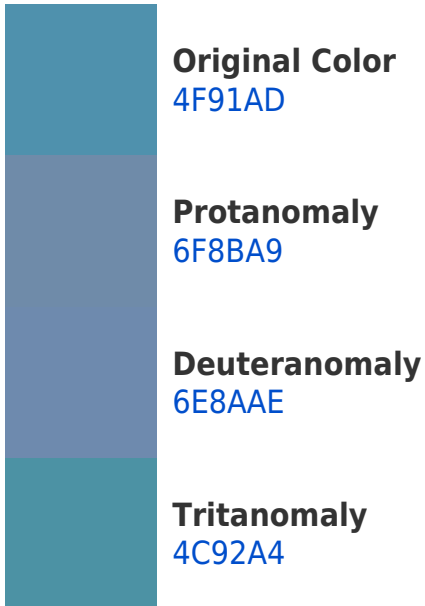
Dichromacy



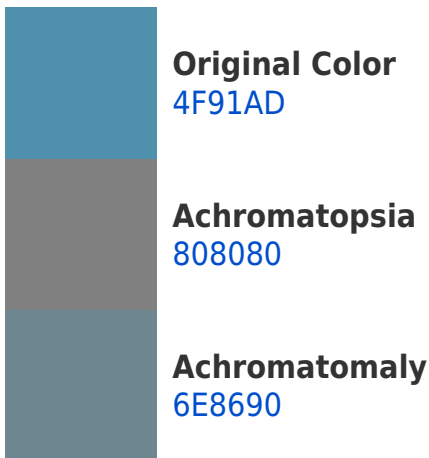


Tritanopia
4A939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F91AD 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 #4F91AD looks like.

```
.text, #text, p{  
    color:#4F91AD  
}
```

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 #4F91AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F91AD
}
```

Border

The CSS property to change the border of an element to Hex 4F91AD 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
#4F91AD }
```

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

```
.border{ border-color:#4F91AD }
```

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

Here you see how a box with a 4 pixel #4F91AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F91AD; -webkit-box-shadow:4px 4px  
4px 4px #4F91AD; box-shadow:4px 4px 4px  
4px #4F91AD }
```

Background

The CSS property to change the background color of an element to Hex 4F91AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F91AD }
```

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

```
.background{ background-color:#4F91AD }
```

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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