

# Converting Colors

Hex(4D90A8)

Have a look what the booklet for  
Hex(4D90A8) contains.

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# Color

**Hex(4D90A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D90A8
RGB	77, 144, 168
RGB Percent	30%, 56%, 66%
CMY	0.6980, 0.4353, 0.3412
CMYK	0.54, 0.14, 0.00, 0.34
HSL	196°, 37%, 48%
HSV	196°, 54%, 66%
XYZ	20.1017, 24.3515, 40.6866
YIQ	126.7030, -47.6360, -6.7400

# Conversions

## Conversions Part 2

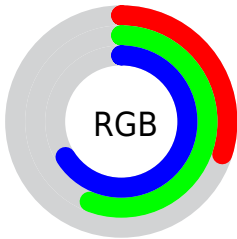
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 116, 168
Decimal	5083304
CIE <sub>Lab</sub>	56.44, -14.33, -19.16
CIE <sub>LCh</sub>	56, 23.930, 233.201
Yxy	24.3515, 0.2361, 0.2860
Android (android.graphics.Color)	4283273384 (0xFF4D90A8)
YUV	126.7030, 20.3594, -43.5895
Hunter-Lab	49.3472, -13.6451, -14.3414

# Details

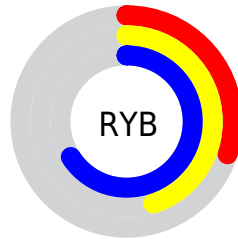
The Hex color **4D90A8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A8654D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **84C6DF**, and **085E74** is the 20% darker color. If you saturate the color by 10%, you get **3C8CA8**, and if you desaturate by 10%, it is **5E94A8**.

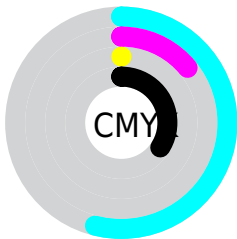
# Distribution



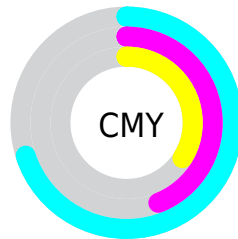
- Red (30%)
- Green (56%)
- Blue (66%)



- Red (30%)
- Yellow (45%)
- Blue (66%)



- Cyan (54%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (70%)
- Magenta (44%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D90A8 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 4D90A8 by changing the saturation by 10% instead.



4D90A8

4D90A8

FFFFFF

30768E

84C6DF

085E74

A0E2FC

00465B

BDFFFF

002F44

DAFFFF

001C2D

F7FFFF

000119

000000

4D90A8

4D90A8

3C8CA8

5E94A8

■ 2B87A8

■ 6F99A8

■ 1B83A8

■ 7F9DA8

■ 0A7EA8

■ 90A2A8

■ 007CA8

■ A1A6A8

■ B2ABA8

■ C3AFA8

■ D3B3A8

■ E4B8A8

# Harmonies

## Analogous

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



479397



4D90A8



668BB0

# Triad

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



4D90A8



AD788D



858B61

# Complementary

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



4D90A8



A8654D

# 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.



9B845E



4D90A8



B17978

# Square

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



4D90A8



9D7DA1



AA7E67



6D906E

# Rectangle

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



4D90A8



7A86B0



AA7E67



8D895F



# Sweetspot

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



4D90A8



B8D2DB



4DA864



59686E



EDEDED



6E6E6E



# Same Dimension

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



4D90A8



4DB6DB



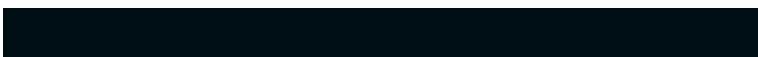
4D64A8



4C5254



006D94



000F14



# Inverse Universe

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



A84D90



DB4DB6



A8914D



544C52



94006D



14000F



# Previews

## White Background



This preview shows how the Hex color 4D90A8 looks on a white background.

## Color Contrast Check

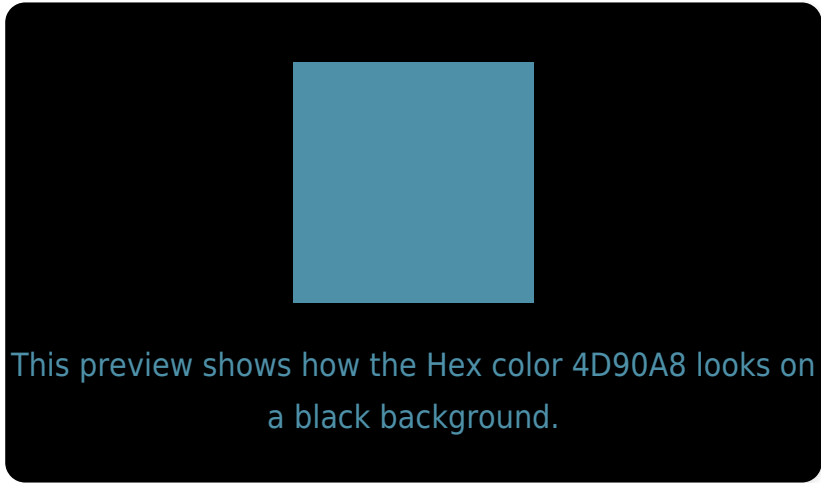
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D90A8 Background



This preview shows how black text looks on a background with the Hex color 4D90A8.

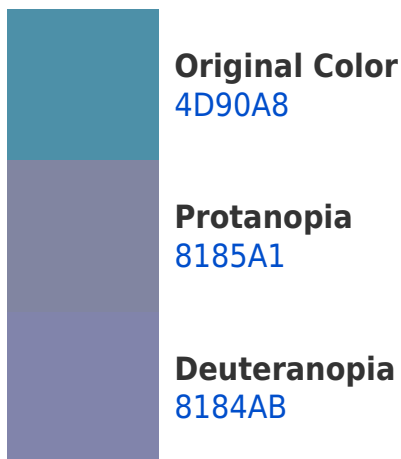


This preview shows how white text looks on a background with the Hex color 4D90A8.

# 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](#).

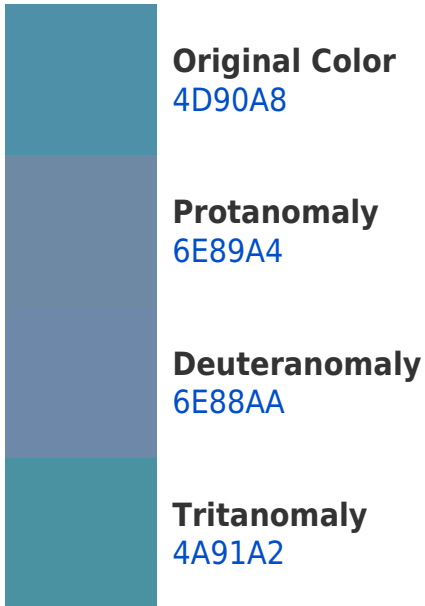
## Dichromacy



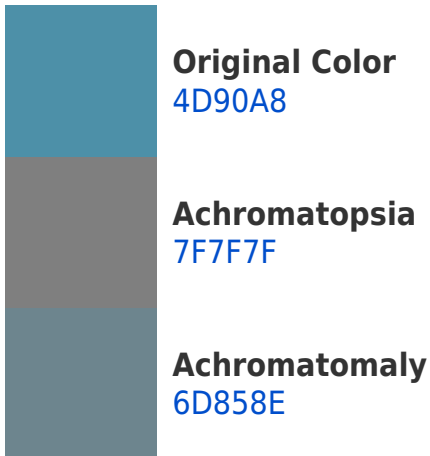


**Tritanopia**  
49929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D90A8 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 #4D90A8 looks like.

```
.text, #text, p{  
    color:#4D90A8  
}
```

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 #4D90A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D90A8  
}
```

## Border

The CSS property to change the border of an element to Hex 4D90A8 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  
#4D90A8 }
```

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

```
.border{ border-color:#4D90A8 }
```

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

Here you see how a box with a 4 pixel #4D90A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D90A8; -webkit-box-shadow:4px 4px  
4px 4px #4D90A8; box-shadow:4px 4px 4px  
4px #4D90A8 }
```

# Background

The CSS property to change the background color of an element to Hex 4D90A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D90A8 }
```

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

```
.background{ background-color:#4D90A8 }
```

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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