

# Converting Colors

Hex(4D8089)

Have a look what the booklet for  
Hex(4D8089) contains.

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# Color

Hex(4D8089)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D8089
RGB	77, 128, 137
RGB Percent	30%, 50%, 54%
CMY	0.6980, 0.4980, 0.4627
CMYK	0.44, 0.07, 0.00, 0.46
HSL	189°, 28%, 42%
HSV	189°, 44%, 54%
XYZ	15.2951, 18.8223, 26.4938
YIQ	113.7770, -33.2850, -8.0130

# Conversions

## Conversions Part 2

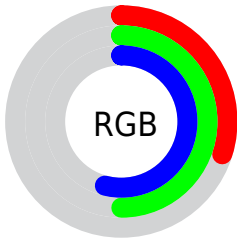
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 105, 137
Decimal	5079177
CIELab	50.48, -14.58, -10.24
CIElCh	50, 17.821, 215.080
Yxy	18.8223, 0.2523, 0.3105
Android (android.graphics.Color)	4283269257 (0xFF4D8089)
YUV	113.7770, 11.4489, -32.2534
Hunter-Lab	43.3846, -12.9936, -5.8376

# Details

The Hex color **4D8089** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **89564D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **81B5BE**, and **184F57** is the 20% darker color. If you saturate the color by 10%, you get **3F7E89**, and if you desaturate by 10%, it is **5B8289**.

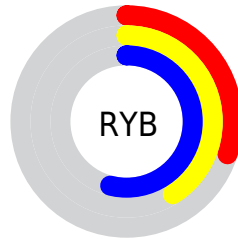
# Distribution



Red (30%)

Green (50%)

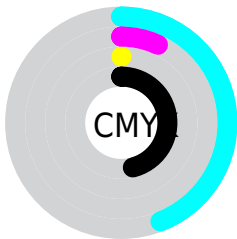
Blue (54%)



Red (30%)

Yellow (41%)

Blue (54%)

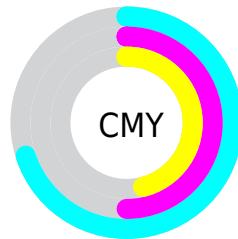


Cyan (44%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (70%)

Magenta (50%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8089 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 4D8089 by changing the saturation by 10% instead.





4D8089



4D8089

FFFFFF



336770



81B5BE



184F57



9CD1DA



003840



B8EDF7



00222A



D4FFFF



000416



F1FFFF



000000



4D8089



4D8089



3F7E89



5B8289



327C89



688489

■ 247A89

■ 768689

■ 167889

■ 848889

■ 087689

■ 918A89

■ 007489

■ 9F8C89

■ AD8E89

■ BB9089

■ C89289

# Harmonies

## Analogous

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



51817A



4D8089



577D93

# Triad

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



4D8089



8E6F85



81785A

# Complementary

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



4D8089



89564D

# 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.



8E735D



4D8089



966D76

# Square

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



4D8089



7E7391



966F67



707D5F

# Rectangle

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



4D8089



637A96



966F67



86765A



# Sweetspot

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



4D8089



9BAFB3



4D8956



4B5759



D9D9D9



595959



# Same Dimension

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



4D8089



54A4B3



4D6289



3E4445



007185



000405



# Inverse Universe

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



894D80



B354A4



89744D



453E44



850071

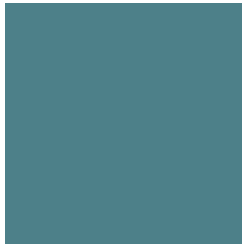


050004



# Previews

## White Background



This preview shows how the Hex color 4D8089 looks on a white background.

## Color Contrast Check

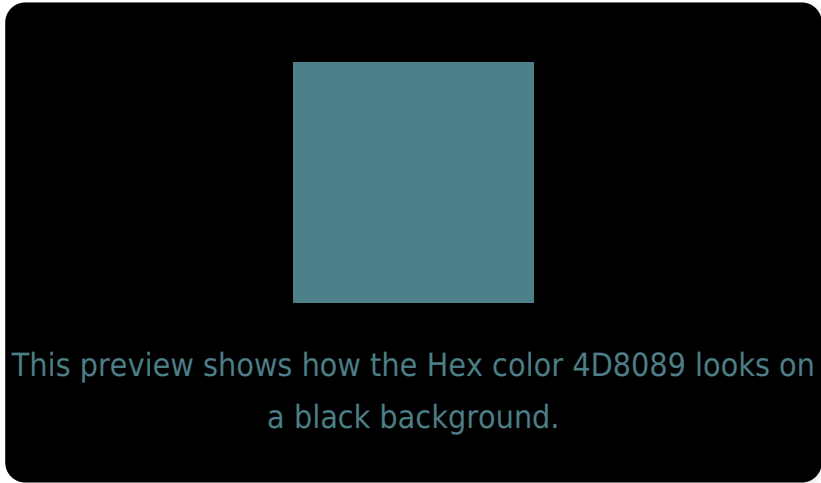
Large Text (above 18pt) WCAG AA ✓ Pass

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

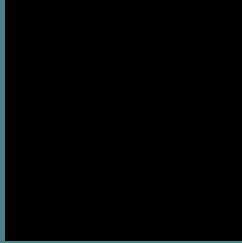
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D8089 Background



This preview shows how black text looks on a background with the Hex color 4D8089.

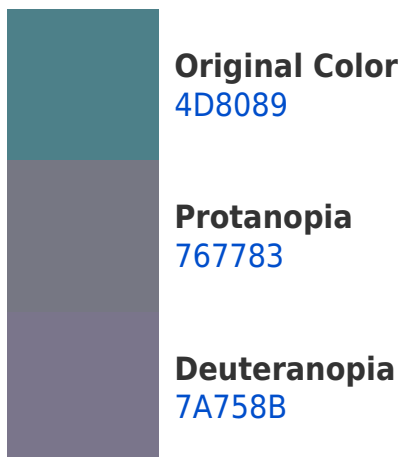



This preview shows how white text looks on a background with the Hex color 4D8089.

# 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](#).

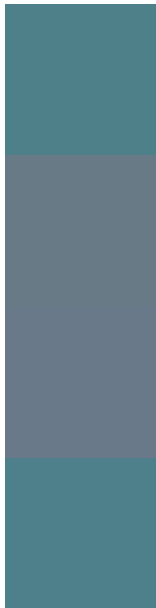
## Dichromacy





**Tritanopia**  
4D808A

# Trichromacy



**Original Color**  
4D8089

**Protanomaly**  
677A85

**Deuteranomaly**  
6A798A

**Tritanomaly**  
4D808A

# Monochromacy



**Original Color**  
4D8089

**Achromatopsia**  
727272

**Achromatomaly**  
65777A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8089 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 #4D8089 looks like.

```
.text, #text, p{  
    color:#4D8089  
}
```

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 #4D8089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8089
}
```

## Border

The CSS property to change the border of an element to Hex 4D8089 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
#4D8089 }
```

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

```
.border{ border-color:#4D8089 }
```

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

Here you see how a box with a 4 pixel #4D8089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8089; -webkit-box-shadow:4px 4px  
4px 4px #4D8089; box-shadow:4px 4px 4px  
4px #4D8089 }
```

# Background

The CSS property to change the background color of an element to Hex 4D8089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8089 }
```

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

```
.background{ background-color:#4D8089 }
```

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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