

# Converting Colors

Hex(6A8379)

Have a look what the booklet for  
Hex(6A8379) contains.

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**Color**

**Hex(6A8379)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A8379
RGB	106, 131, 121
RGB Percent	42%, 51%, 47%
CMY	0.5843, 0.4863, 0.5255
CMYK	0.19, 0.00, 0.08, 0.49
HSL	156°, 11%, 46%
HSV	156°, 19%, 51%
XYZ	17.5113, 20.6772, 21.1573
YIQ	122.3850, -11.6900, -8.4100

# Conversions

## Conversions Part 2

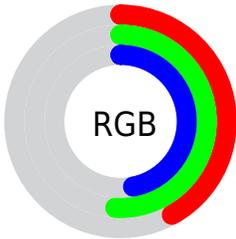
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 122, 131
Decimal	6980473
CIELab	52.59, -11.16, 2.42
CIElCh	53, 11.416, 167.737
Yxy	20.6772, 0.2951, 0.3484
Android (android.graphics.Color)	4285170553 (0xFF6A8379)
YUV	122.3850, -0.6828, -14.3696
Hunter-Lab	45.4722, -10.8361, 4.2441

# Details

The Hex color **6A8379** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836A74**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9EB8AD**, and **3A5249** is the 20% darker color. If you saturate the color by 10%, you get **5D8374**, and if you desaturate by 10%, it is **77837E**.

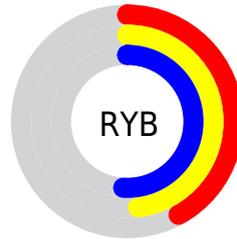
# Distribution



Red (42%)

Green (51%)

Blue (47%)



Red (42%)

Yellow (48%)

Blue (51%)

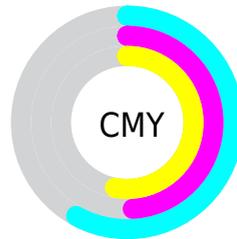


Cyan (19%)

Magenta (0%)

Yellow (8%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A8379 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 6A8379 by changing the saturation by 10% instead.



6A8379



6A8379

FFFFFF



526A60



9EB8AD



3A5249



B9D4C9



243B32



D4F0E5



0F251D



F1FFFF



001103



000000



6A8379



6A8379



5D8374



77837E



50836F



848383

■ 438369

■ 918389

■ 368364

■ 9E838E

■ 29835F

■ AC8393

■ 1B835A

■ B98398

■ 0E8354

■ C6839E

■ 01834F

■ D383A3

■ 00834F

■ E083A8

# Harmonies

## Analogous

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



748170



6A8379



658383

# Triad

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



6A8379



7A7C90



90796F

# Complementary

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



6A8379



836A74

# 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.



927778



6A8379



86798B

# Square

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



6A8379



6E8090



8F7782



897B6B

# Rectangle

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



6A8379



658389



8F7782



927872

# Sweetspot

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



6A8379



A1ABA7



74836A



515754



D6D6D6



575757



# Same Dimension

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



6A8379



84AB9B



6A8083



3C4240



00824E



000302



# Inverse Universe

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



836A74



AB8493



836D6A



423C3E



820034

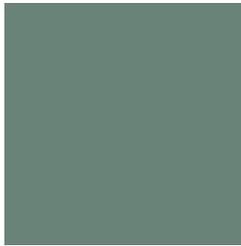


030001



# Previews

## White Background



This preview shows how the Hex color 6A8379 looks on a white background.

## Color Contrast Check

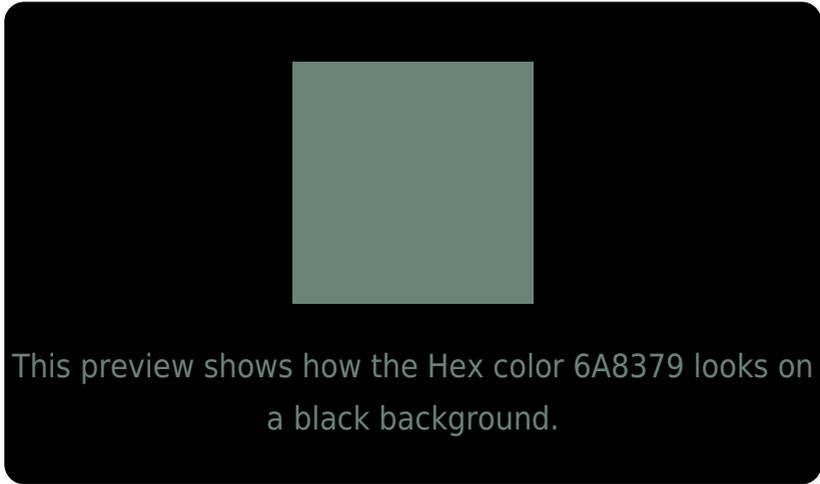
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8379 Background



This preview shows how black text looks on a background with the Hex color 6A8379.



This preview shows how white text looks on a background with the Hex color 6A8379.

# 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**  
6A8379

**Protanopia**  
817D76

**Deuteranopia**  
8A797B



**Tritanopia**  
6D808B

# Trichromacy



**Original Color**  
6A8379

**Protanomaly**  
797F77

**Deuteranomaly**  
7E7D7A

**Tritanomaly**  
6C8184

# Monochromacy



**Original Color**  
6A8379

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
747D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A8379 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 #6A8379 looks like.

```
.text, #text, p{  
    color:#6A8379  
}
```

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 #6A8379 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8379
}
```

## Border

The CSS property to change the border of an element to Hex 6A8379 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".

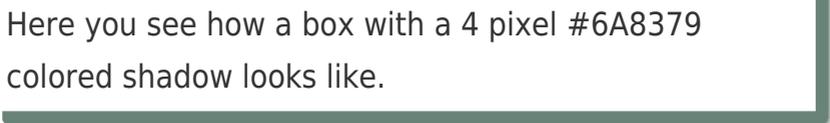
```
.border, #border, table{ border:4px solid
#6A8379 }
```

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

```
.border{ border-color:#6A8379 }
```

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

Here you see how a box with a 4 pixel #6A8379 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8379; -webkit-box-shadow:4px 4px  
4px 4px #6A8379; box-shadow:4px 4px 4px  
4px #6A8379 }
```

# Background

The CSS property to change the background color of an element to Hex 6A8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8379 }
```

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

```
.background{ background-color:#6A8379 }
```

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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