

# Converting Colors

Hex(6D8A89)

Have a look what the booklet for  
Hex(6D8A89) contains.

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# Color

**Hex(6D8A89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8A89
RGB	109, 138, 137
RGB Percent	43%, 54%, 54%
CMY	0.5725, 0.4588, 0.4627
CMYK	0.21, 0.00, 0.01, 0.46
HSL	178°, 12%, 48%
HSV	178°, 21%, 54%
XYZ	19.9105, 23.2343, 27.1022
YIQ	129.2150, -16.9630, -6.4590

# Conversions

## Conversions Part 2

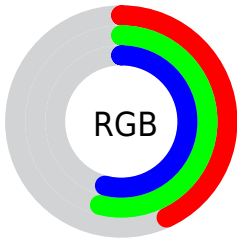
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 124, 138
Decimal	7178889
CIE <sub>Lab</sub>	55.31, -10.43, -2.86
CIE <sub>LCh</sub>	55, 10.816, 195.309
Yxy	23.2343, 0.2834, 0.3308
Android (android.graphics.Color)	4285368969 (0xFF6D8A89)
YUV	129.2150, 3.8380, -17.7286
Hunter-Lab	48.2020, -10.6215, 0.4048

# Details

The Hex color **6D8A89** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A6D6E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A1BFBE**, and **3C5857** is the 20% darker color. If you saturate the color by 10%, you get **5F8A89**, and if you desaturate by 10%, it is **7B8A89**.

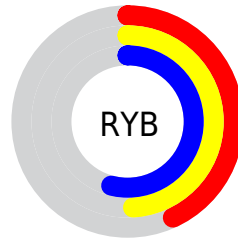
# Distribution



Red (43%)

Green (54%)

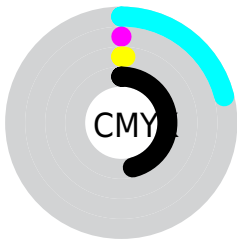
Blue (54%)



Red (43%)

Yellow (49%)

Blue (54%)

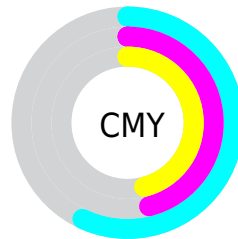


Cyan (21%)

Magenta (0%)

Yellow (1%)

Black (46%)



Cyan (57%)

Magenta (46%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8A89 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 6D8A89 by changing the saturation by 10% instead.





6D8A89



6D8A89

FFFFFF



547170



A1BFBE



3C5857



BCDBDA



264140



D8F8F7



0F2B2A



F5FFFF



001716



000000



6D8A89



6D8A89



5F8A89



7B8A89



518A88



898A8A

448A88

968A8A

368A87

A48A8B

288A87

B28A8B

1A8A86

C08A8C

0C8A86

CE8A8C

008A85

DB8A8D

E98A8D

# Harmonies

## Analogous

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



738A7F



6D8A89



6E8991

# Triad

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



6D8A89



8C8192



918273

# Complementary

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



6D8A89



8A6D6E

# 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.



978078



6D8A89



957F89

# Square

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



6D8A89



808496



997E80



878572

# Rectangle

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



6D8A89



728895



997E80



938174



# Sweetspot

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



6D8A89



A8B3B2



6E8A6D



535959



D9D9D9



595959



# Same Dimension

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



6D8A89



86B3B1



6D7D8A



3E4545



008580



000505



# Inverse Universe

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



8A6D6E



B38687



8A7A6D



453E3E



850005



050000



# Previews

## White Background



This preview shows how the Hex color 6D8A89 looks on a white background.

## Color Contrast Check

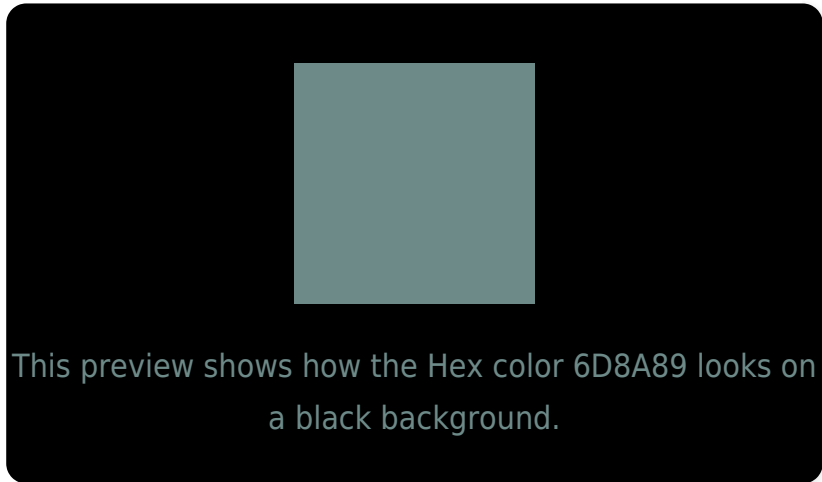
Large Text (above 18pt) WCAG AA ✓ Pass

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

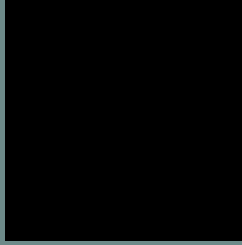
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

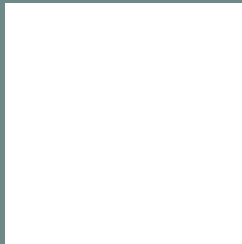
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D8A89 Background



This preview shows how black text looks on a background with the Hex color 6D8A89.

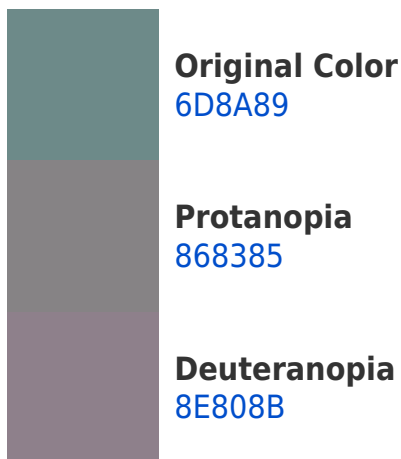


This preview shows how white text looks on a background with the Hex color 6D8A89.

# 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](#).

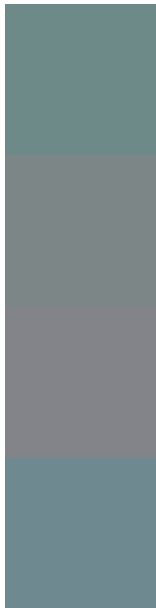
## Dichromacy





**Tritanopia**  
6F8893

# Trichromacy



**Original Color**  
6D8A89

**Protanomaly**  
7D8686

**Deuteranomaly**  
82848A

**Tritanomaly**  
6E898F

# Monochromacy



**Original Color**  
6D8A89

**Achromatopsia**  
818181

**Achromatomaly**  
7A8484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8A89 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 #6D8A89 looks like.

```
.text, #text, p{  
    color:#6D8A89  
}
```

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 #6D8A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8A89
}
```

## Border

The CSS property to change the border of an element to Hex 6D8A89 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
#6D8A89 }
```

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

```
.border{ border-color:#6D8A89 }
```

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

Here you see how a box with a 4 pixel #6D8A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8A89; -webkit-box-shadow:4px 4px  
4px 4px #6D8A89; box-shadow:4px 4px 4px  
4px #6D8A89 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8A89 }
```

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

```
.background{ background-color:#6D8A89 }
```

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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