

# Converting Colors

Hex(6D8584)

Have a look what the booklet for  
Hex(6D8584) contains.

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# Color

Hex(6D8584)

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8584
RGB	109, 133, 132
RGB Percent	43%, 52%, 52%
CMY	0.5725, 0.4784, 0.4824
CMYK	0.18, 0.00, 0.01, 0.48
HSL	178°, 10%, 47%
HSV	178°, 18%, 52%
XYZ	18.8591, 21.6922, 25.0228
YIQ	125.7100, -13.9830, -5.3990

# Conversions

## Conversions Part 2

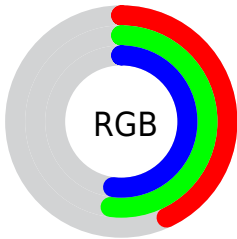
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 121, 133
Decimal	7177604
CIE Lab	53.70, -8.80, -2.33
CIE LCh	54, 9.102, 194.864
Yxy	21.6922, 0.2876, 0.3308
Android (android.graphics.Color)	4285367684 (0xFF6D8584)
YUV	125.7100, 3.1010, -14.6547
Hunter-Lab	46.5749, -9.2280, 0.7483

# Details

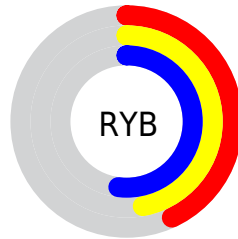
The Hex color **6D8584** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **856D6E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A1BAB9**, and **3D5353** is the 20% darker color. If you saturate the color by 10%, you get **608583**, and if you desaturate by 10%, it is **7A8585**.

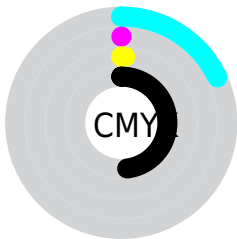
# Distribution



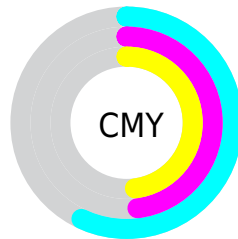
- Red (43%)
- Green (52%)
- Blue (52%)



- Red (43%)
- Yellow (47%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (48%)



- Cyan (57%)
- Magenta (48%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8584 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 6D8584 by changing the saturation by 10% instead.





6D8584



6D8584

FFFFFF



546C6B



A1BAB9



3D5353



BCD6D5



263C3C



D8F2F1



112726



F4FFFF



001211



000000



6D8584



6D8584



608583



7A8585



528583



888585

■ 458582

■ 958586

■ 388582

■ A28586

■ 2A8581

■ B08587

■ 1D8581

■ BD8587

■ 108580

■ CA8588

■ 038580

■ D78588

■ 00857F

■ E58589

# Harmonies

## Analogous

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



72857C



6D8584



6E848B

# Triad

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



6D8584



877D8B



8B7E71

# Complementary

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



6D8584



856D6E

# 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.



907C76



6D8584



8E7B85

# Square

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



6D8584



7D808F



917B7D



838171

# Rectangle

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



6D8584



71838E



917B7D



8D7E72



# Sweetspot

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



6D8584



A5ADAD



6E856D



515756



D6D6D6



575757



# Same Dimension

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



6D8584



87ADAC



6D7A85



3C4242



00827D



000302



# Inverse Universe

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



856D6E



AD8789



85786D



423C3C



820005



030000



# Previews

## White Background



This preview shows how the Hex color 6D8584 looks on a white background.

## Color Contrast Check

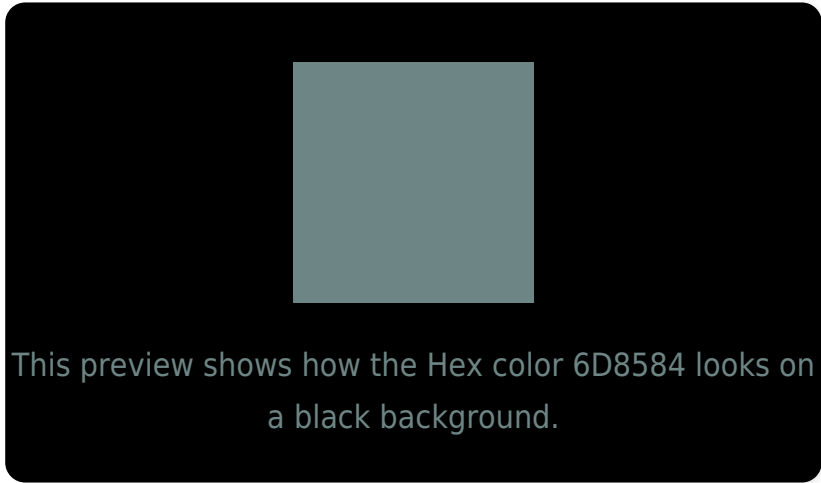
Large Text (above 18pt) WCAG AA ✓ Pass

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

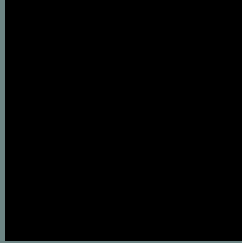
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

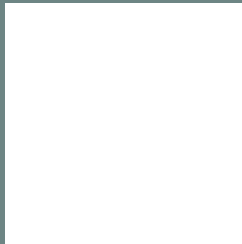
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D8584 Background



This preview shows how black text looks on a background with the Hex color 6D8584.

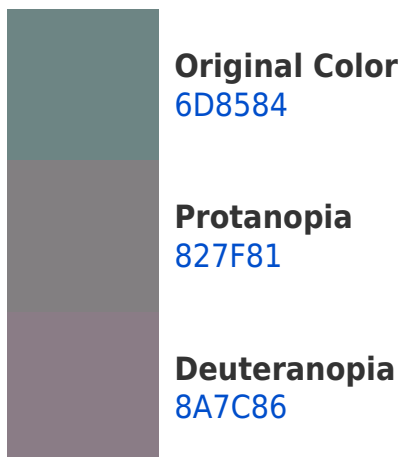


This preview shows how white text looks on a background with the Hex color 6D8584.

# 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**  
6F838E

# Trichromacy



**Original Color**  
6D8584

**Protanomaly**  
7A8182

**Deuteranomaly**  
7F7F85

**Tritanomaly**  
6E848A

# Monochromacy



**Original Color**  
6D8584

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
788180

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8584 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 #6D8584 looks like.

```
.text, #text, p{  
    color:#6D8584  
}
```

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 #6D8584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8584
}
```

## Border

The CSS property to change the border of an element to Hex 6D8584 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
#6D8584 }
```

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

```
.border{ border-color:#6D8584 }
```

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

Here you see how a box with a 4 pixel #6D8584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8584; -webkit-box-shadow:4px 4px  
4px 4px #6D8584; box-shadow:4px 4px 4px  
4px #6D8584 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8584 }
```

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

```
.background{ background-color:#6D8584 }
```

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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