

# Converting Colors

Hex(6C8C85)

Have a look what the booklet for  
Hex(6C8C85) contains.

|  |    |
|--|----|
| <b>Hex(6C8C85)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(6C8C85)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6C8C85                      |
| RGB         | 108, 140, 133               |
| RGB Percent | 42%, 55%, 52%               |
| CMY         | 0.5765, 0.4510, 0.4784      |
| CMYK        | 0.23, 0.00, 0.05, 0.45      |
| HSL         | 167°, 13%, 49%              |
| HSV         | 167°, 23%, 55%              |
| XYZ         | 19.7961, 23.6378, 25.7095   |
| YIQ         | 129.6340, -16.8250, -8.9610 |

# Conversions

## Conversions Part 2

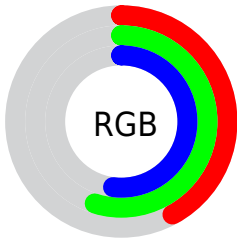
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 108, 126, 140                 |
| Decimal                             | 7113861                       |
| CIE <sub>Lab</sub>                  | 55.72, -12.77, 0.04           |
| CIE <sub>LCh</sub>                  | 56, 12.771, 179.799           |
| Yxy                                 | 23.6378, 0.2863,<br>0.3419    |
| Android<br>(android.graphics.Color) | 4285303941<br>(0xFF6C8C85)    |
| YUV                                 | 129.6340, 1.6594,<br>-18.9730 |
| Hunter-Lab                          | 48.6187, -12.4029,<br>2.6806  |

# Details

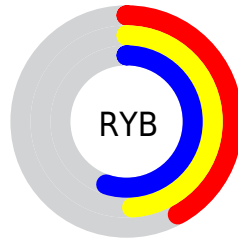
The Hex color **6C8C85** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6C73**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A0C2BA**, and **3B5A54** is the 20% darker color. If you saturate the color by 10%, you get **5E8C82**, and if you desaturate by 10%, it is **7A8C88**.

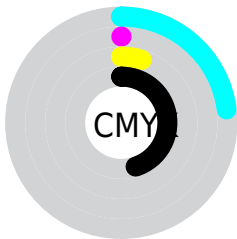
# Distribution



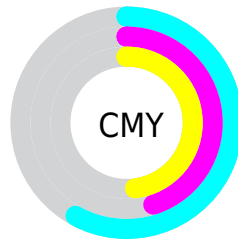
- Red (42%)
- Green (55%)
- Blue (52%)



- Red (42%)
- Yellow (49%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (58%)
- Magenta (45%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8C85 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 6C8C85 by changing the saturation by 10% instead.





6C8C85



6C8C85

FFFFFF



53726C



A0C2BA



3B5A54



BBDED6



25423D



D7FAF2



0E2C27



F4FFFF



001812



000000



6C8C85



6C8C85



5E8C82



7A8C88



508C7F



888C8B

■ 428C7C

■ 968C8E

■ 348C79

■ A48C91

■ 268C76

■ B28C94

■ 188C73

■ C08C97

■ 0A8C70

■ CE8C9A

■ 008C6D

■ DC8C9E

■ EA8CA1

# Harmonies

## Analogous

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



768B7A



6C8C85



698C90

# Triad

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



6C8C85



888399



988173

# Complementary

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



6C8C85



8C6C73

# 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.



9D7F7B



6C8C85



947F91

# Square

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



6C8C85



79869B



9C7E86



8E856F

# Rectangle

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



6C8C85



6B8A96



9C7E86



9A8075



# Sweetspot

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



6C8C85



A8B5B2



738C6C



545C5A



DBDBDB



5C5C5C



# Same Dimension

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



6C8C85



84B5AA



6C838C



3E4543



008568



000504



# Inverse Universe

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



8C6C73



B5848F



8C756C



453E3F



85001D



050001



# Previews

## White Background



This preview shows how the Hex color 6C8C85 looks on a white background.

## Color Contrast Check

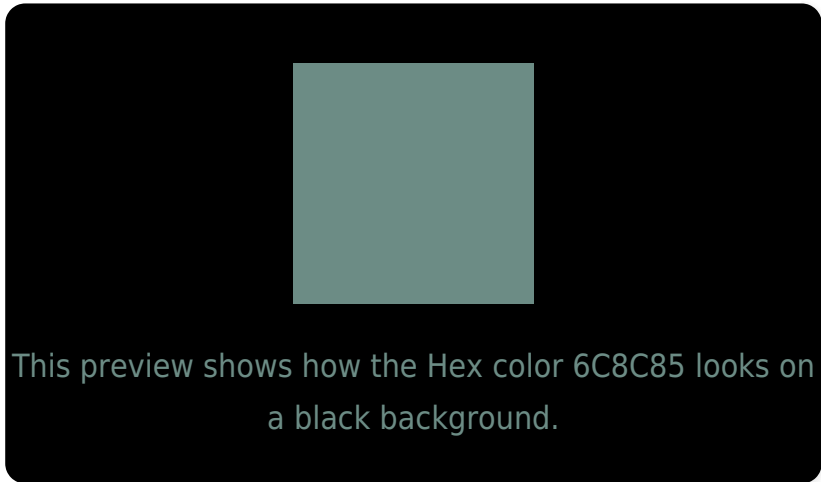
Large Text (above 18pt) WCAG AA ✓ Pass

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

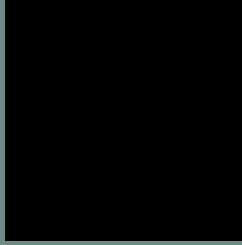
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

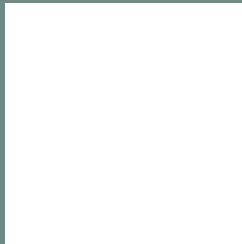
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C8C85 Background



This preview shows how black text looks on a background with the Hex color 6C8C85.



This preview shows how white text looks on a background with the Hex color 6C8C85.

# 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**  
6C8C85

**Protanopia**  
888581

**Deuteranopia**  
918187



**Tritanopia**  
6F8A95

# Trichromacy



**Original Color**  
6C8C85

**Protanomaly**  
7E8882

**Deuteranomaly**  
848586

**Tritanomaly**  
6E8B8F

# Monochromacy



**Original Color**  
6C8C85

**Achromatopsia**  
828282

**Achromatomaly**  
7A8683

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8C85 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 #6C8C85 looks like.

```
.text, #text, p{  
    color:#6C8C85  
}
```

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 #6C8C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8C85
}
```

## Border

The CSS property to change the border of an element to Hex 6C8C85 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
#6C8C85 }
```

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

```
.border{ border-color:#6C8C85 }
```

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

Here you see how a box with a 4 pixel #6C8C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8C85; -webkit-box-shadow:4px 4px  
4px 4px #6C8C85; box-shadow:4px 4px 4px  
4px #6C8C85 }
```

# Background

The CSS property to change the background color of an element to Hex 6C8C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8C85 }
```

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

```
.background{ background-color:#6C8C85 }
```

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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