

# Converting Colors

Hex(6C8659)

Have a look what the booklet for  
Hex(6C8659) contains.

<b>Hex(6C8659)</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(6C8659)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C8659
RGB	108, 134, 89
RGB Percent	42%, 53%, 35%
CMY	0.5765, 0.4745, 0.6510
CMYK	0.19, 0.00, 0.34, 0.47
HSL	95°, 20%, 44%
HSV	95°, 34%, 53%
XYZ	16.5126, 20.9596, 12.6265
YIQ	121.0960, -1.0510, -19.5070

# Conversions

## Conversions Part 2

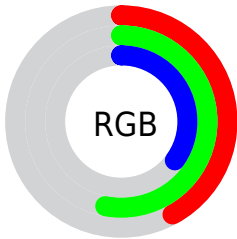
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 134, 115
Decimal	7112281
CIE <sub>Lab</sub>	52.91, -18.01, 21.27
CIE <sub>LCh</sub>	53, 27.873, 130.254
Yxy	20.9596, 0.3296, 0.4184
Android (android.graphics.Color)	4285302361 (0xFF6C8659)
YUV	121.0960, -15.8233, -11.4852
Hunter-Lab	45.7817, -15.7362, 15.6951

# Details

The Hex color **6C8659** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **735986**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A0BB8B**, and **3B542B** is the 20% darker color. If you saturate the color by 10%, you get **64864C**, and if you desaturate by 10%, it is **748666**.

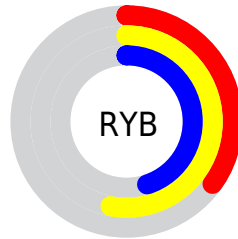
# Distribution



Red (42%)

Green (53%)

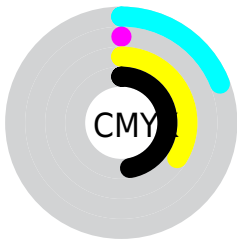
Blue (35%)



Red (35%)

Yellow (53%)

Blue (45%)

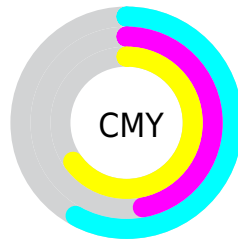


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8659 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 6C8659 by changing the saturation by 10% instead.





6C8659



6C8659

FFFFFF



536D41



A0BB8B



3B542B



BBD7A6



253D15



D7F4C1



112700



F4FFDD



001200



FFFFFFA



000000



6C8659



6C8659



64864C



748666



5D863E



7B8674

 558631

 838681

 4D8623

 8B868F

 458616

 93869C

 3E8609

 9A86A9

 398600

 A286B7

 AA86C4

 B286D2

# Harmonies

## Analogous

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



867F4F



6C8659



4F8A6D

# Triad

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



6C8659



4385AB



AD6C77

# Complementary

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



6C8659



735986

# 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.



A36E8F



6C8659



6A7EAD

# Square

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



6C8659



278A9C



8C75A3



AA7060

# Rectangle

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



6C8659



3B8B7E



8C75A3



AB6C7F



# Sweetspot

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



6C8659



A3AD9C



867359



51574C



D6D6D6



575757



# Same Dimension

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



6C8659



85AD68



59865C



3E423C



378200



010300



# Inverse Universe

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



735986



9068AD



865983



403C42



4B0082



010003



# Previews

## White Background



This preview shows how the Hex color 6C8659 looks on a white background.

## Color Contrast Check

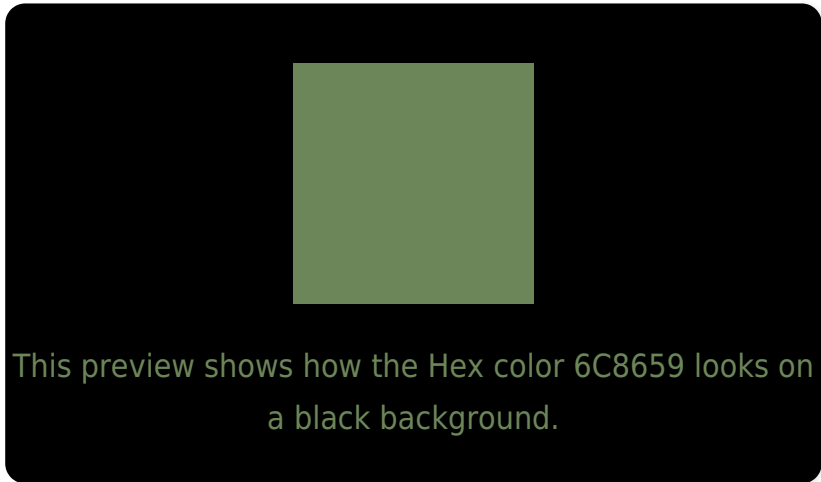
Large Text (above 18pt) WCAG AA ✓ Pass

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

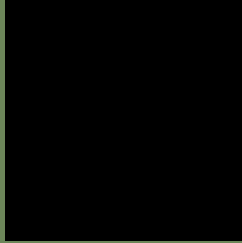
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C8659 Background



This preview shows how black text looks on a background with the Hex color 6C8659.



This preview shows how white text looks on a background with the Hex color 6C8659.

# 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**  
73808A

# Trichromacy



**Original Color**  
6C8659

**Protanomaly**  
7E8157

**Deuteranomaly**  
867E5B

**Tritanomaly**  
708278

# Monochromacy



**Original Color**  
6C8659

**Achromatopsia**  
797979

**Achromatomaly**  
747E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8659 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 #6C8659 looks like.

```
.text, #text, p{  
    color:#6C8659  
}
```

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 #6C8659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8659  
}
```

## Border

The CSS property to change the border of an element to Hex 6C8659 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  
#6C8659 }
```

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

```
.border{ border-color:#6C8659 }
```

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

Here you see how a box with a 4 pixel #6C8659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8659; -webkit-box-shadow:4px 4px  
4px 4px #6C8659; box-shadow:4px 4px 4px  
4px #6C8659 }
```

# Background

The CSS property to change the background color of an element to Hex 6C8659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8659 }
```

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

```
.background{ background-color:#6C8659 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor