

# Converting Colors

Hex(6C876C)

Have a look what the booklet for  
Hex(6C876C) contains.

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# Color

Hex(6C876C)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C876C
RGB	108, 135, 108
RGB Percent	42%, 53%, 42%
CMY	0.5765, 0.4706, 0.5765
CMYK	0.20, 0.00, 0.20, 0.47
HSL	120°, 11%, 48%
HSV	120°, 20%, 53%
XYZ	17.5551, 21.5988, 17.4311
YIQ	123.8490, -7.4250, -14.1210

# Conversions

## Conversions Part 2

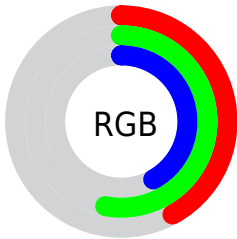
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 135, 135
Decimal	7112556
CIE <sub>Lab</sub>	53.60, -15.25, 11.40
CIE <sub>LCh</sub>	54, 19.039, 143.215
Yxy	21.5988, 0.3102, 0.3817
Android (android.graphics.Color)	4285302636 (0xFF6C876C)
YUV	123.8490, -7.8136, -13.8996
Hunter-Lab	46.4745, -13.9045, 10.2944

# Details

The Hex color **6C876C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **876C87**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A0BC9F**, and **3C553D** is the 20% darker color. If you saturate the color by 10%, you get **5E875E**, and if you desaturate by 10%, it is **7A877A**.

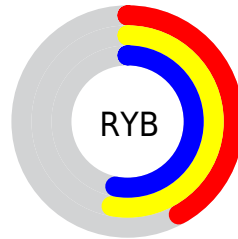
# Distribution



Red (42%)

Green (53%)

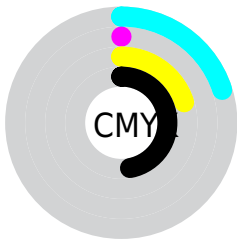
Blue (42%)



Red (42%)

Yellow (53%)

Blue (53%)

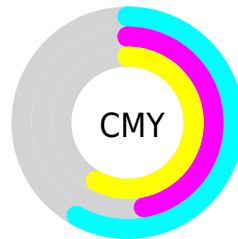


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C876C 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 6C876C by changing the saturation by 10% instead.



 6C876C

 6C876C

FFFFFF

 536E54

 A0BC9F

 3C553D

 BBD8BA

 253E27

 D7F5D6

 102812

 F3FFF3

 001500

 000000

 6C876C

 6C876C

 5E875E

 7A877A

 518751

 878787

■ 448744

■ 958795

■ 368736

■ A287A2

■ 298729

■ B087B0

■ 1B871B

■ BD87BD

■ 0D870D

■ CB87CB

■ 008700

■ D887D8

■ E687E6

# Harmonies

## Analogous

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



7F8362



6C876C



5B897C

# Triad

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



6C876C



6783A0



A27574

# Complementary

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



6C876C



876C87

# 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.



9E7584



6C876C



7E7D9E

# Square

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



6C876C



56879A



927894



9C7866

# Rectangle

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



6C876C



538987



927894



A27479



# Sweetspot

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



6C876C



A5B0A5



87876C



535953



D9D9D9



595959



# Same Dimension

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



6C876C



86B086



6C877A



3C423C



008200



000300



# Inverse Universe

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



876C87



B086B0



876C7A



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 6C876C looks on a white background.

## Color Contrast Check

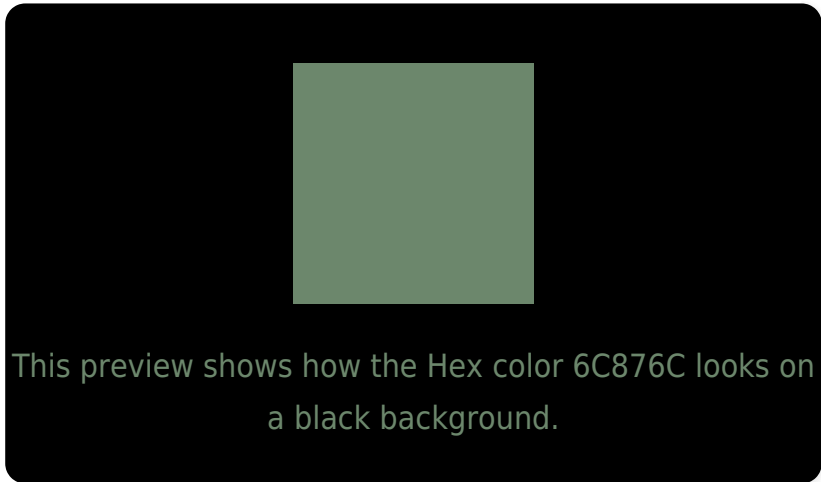
Large Text (above 18pt) WCAG AA ✓ Pass

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

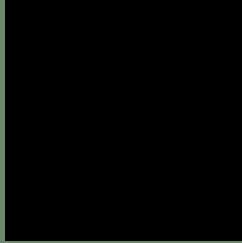
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C876C Background



This preview shows how black text looks on a background with the Hex color 6C876C.



This preview shows how white text looks on a background with the Hex color 6C876C.

# 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](#).

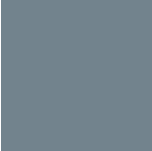
## Dichromacy



**Original Color**  
6C876C

**Protanopia**  
877F68

**Deuteranopia**  
927B6F



**Tritanopia**  
72838D

# Trichromacy



**Original Color**  
6C876C

**Protanomaly**  
7D8269

**Deuteranomaly**  
847F6E

**Tritanomaly**  
708481

# Monochromacy



**Original Color**  
6C876C

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
768076

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C876C 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 #6C876C looks like.

```
.text, #text, p{  
    color:#6C876C  
}
```

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 #6C876C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C876C
}
```

## Border

The CSS property to change the border of an element to Hex 6C876C 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
#6C876C }
```

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

```
.border{ border-color:#6C876C }
```

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

Here you see how a box with a 4 pixel #6C876C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C876C; -webkit-box-shadow:4px 4px  
4px 4px #6C876C; box-shadow:4px 4px 4px  
4px #6C876C }
```

# Background

The CSS property to change the background color of an element to Hex 6C876C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C876C }
```

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

```
.background{ background-color:#6C876C }
```

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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