

# Converting Colors

Hex(6C835D)

Have a look what the booklet for  
Hex(6C835D) contains.

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# Color

Hex(6C835D)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C835D
RGB	108, 131, 93
RGB Percent	42%, 51%, 36%
CMY	0.5765, 0.4863, 0.6353
CMYK	0.18, 0.00, 0.29, 0.49
HSL	96°, 17%, 44%
HSV	96°, 29%, 51%
XYZ	16.2764, 20.2111, 13.3992
YIQ	119.7910, -1.5100, -16.6940

# Conversions

## Conversions Part 2

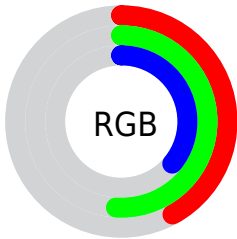
Format	Color
<b>RYB</b>	93, 131, 116
Decimal	7111517
CIELab	52.08, -15.77, 17.89
CIELCh	52, 23.848, 131.393
Yxy	20.2111, 0.3263, 0.4051
Android (android.graphics.Color)	4285301597 (0xFF6C835D)
YUV	119.7910, -13.2080, -10.3407
Hunter-Lab	44.9567, -14.0489, 13.7985

# Details

The Hex color **6C835D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **745D83**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A0B890**, and **3C522F** is the 20% darker color. If you saturate the color by 10%, you get **648350**, and if you desaturate by 10%, it is **74836A**.

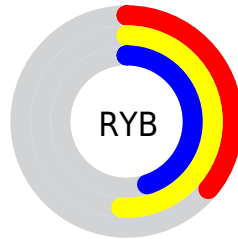
# Distribution



Red (42%)

Green (51%)

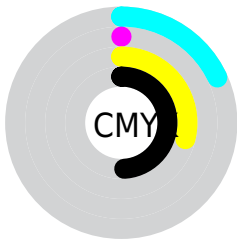
Blue (36%)



Red (36%)

Yellow (51%)

Blue (45%)

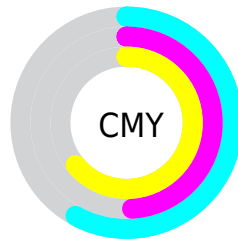


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C835D 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 6C835D by changing the saturation by 10% instead.





6C835D



6C835D

FFFFFF



536A45



A0B890



3C522F



BBD4AA



253A19



D7F0C5



122500



F3FFE1



000E00

FFFFFFE



000000



6C835D



6C835D



648350



74836A



5C8343



7C8377

■ 548336

■ 848384

■ 4C8329

■ 8C8391

■ 44831B

■ 94839E

■ 3C830E

■ 9C83AC

■ 348301

■ A483B9

■ 348300

■ AB83C6

■ B383D3

# Harmonies

## Analogous

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



837D54



6C835D



54866E

# Triad

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



6C835D



4F82A2



A56D75

# Complementary

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



6C835D



745D83

# 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.



9C6F8A



6C835D



6D7BA4

# Square

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



6C835D



3C8696



89749B



A27062

# Rectangle

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



6C835D



46877C



89749B



A36D7C



# Sweetspot

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



6C835D



A2AB9B



83745D



51574D



D6D6D6



575757



# Same Dimension

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



6C835D



87AB6F



5D8361



3E423C



338200



010300



# Inverse Universe

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



745D83



936FAB



835D7F



403C42



4F0082



020003



# Previews

## White Background



This preview shows how the Hex color 6C835D 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

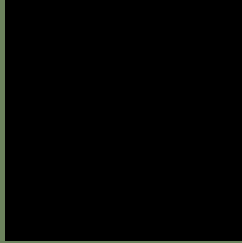
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C835D Background



This preview shows how black text looks on a background with the Hex color 6C835D.



This preview shows how white text looks on a background with the Hex color 6C835D.

# 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**  
737E88

# Trichromacy



**Original Color**  
6C835D

**Protanomaly**  
7C7F5B

**Deuteranomaly**  
847B5F

**Tritanomaly**  
708078

# Monochromacy



**Original Color**  
6C835D

**Achromatopsia**  
787878

**Achromatomaly**  
747C6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C835D 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 #6C835D looks like.

```
.text, #text, p{  
    color:#6C835D  
}
```

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 #6C835D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C835D
}
```

## Border

The CSS property to change the border of an element to Hex 6C835D 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
#6C835D }
```

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

```
.border{ border-color:#6C835D }
```

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

Here you see how a box with a 4 pixel #6C835D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C835D; -webkit-box-shadow:4px 4px  
4px 4px #6C835D; box-shadow:4px 4px 4px  
4px #6C835D }
```

# Background

The CSS property to change the background color of an element to Hex 6C835D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C835D }
```

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

```
.background{ background-color:#6C835D }
```

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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