

Converting Colors

Hex(67CE83)

Have a look what the booklet for
Hex(67CE83) contains.

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Color

Hex(67CE83)

Conversions

Conversions Part 1

Format	Color
Hex	67CE83
RGB	103, 206, 131
RGB Percent	40%, 81%, 51%
CMY	0.5961, 0.1922, 0.4863
CMYK	0.50, 0.00, 0.36, 0.19
HSL	136°, 51%, 61%
HSV	136°, 50%, 81%
XYZ	31.7616, 48.6649, 29.1920
YIQ	166.6530, -37.3130, -45.1610

Conversions

Conversions Part 2

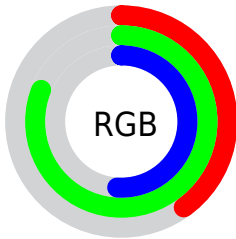
Format	Color
RYB	103, 184, 206
Decimal	6803075
CIELab	75.24, -46.32, 28.35
CIELCh	75, 54.305, 148.528
Yxy	48.6649, 0.2897, 0.4439
Android (android.graphics.Color)	4284993155 (0xFF67CE83)
YUV	166.6530, -17.5769, -55.8237
Hunter-Lab	69.7602, -40.8100, 24.0216

Details

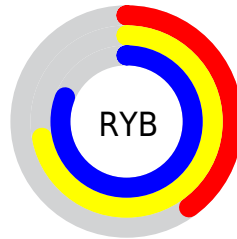
The Hex color **67CE83** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **CE67B2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A0FFB9**, and **2A9751** is the 20% darker color. If you saturate the color by 10%, you get **52CE74**, and if you desaturate by 10%, it is **7CCE92**.

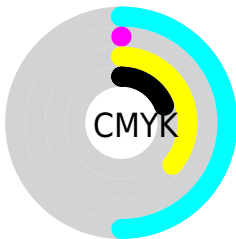
Distribution



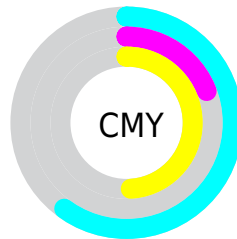
- Red (40%)
- Green (81%)
- Blue (51%)



- Red (40%)
- Yellow (72%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67CE83 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 67CE83 by changing the saturation by 10% instead.



67CE83



67CE83

FFFFFF



4AB269



A0FFB9



2A9751



BDFFD4



007C39



DAFFF1



006322



F7FFFF



004A0A



003200



001B00



000000



67CE83



67CE83

 52CE74

 7CCE92

 3ECE65

 90CEA1

 29CE56

 A5CEB0

 15CE47

 B9CEBF

 00CE38

 CECECE

 E3CEDD

 F7CEEC

 FFCEFB

 FFCEFF

Harmonies

Analogous

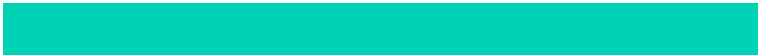
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7C45E



67CE83



00D2B5

Triad

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



67CE83



56BFFF



FF938C

Complementary

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



67CE83



CE67B2

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.



FF8FBE



67CE83



B9ADFF

Square

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



67CE83



00CCFF



F59AEE



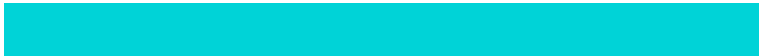
FFA365

Rectangle

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



67CE83



00D3D7



F59AEE



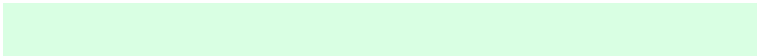
FF909C

Sweetspot

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



67CE83



D9FFE3



B3CE67



69806F



000000



808080

Same Dimension

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



67CE83



66FF90



67CEB6



5C665F



00A62D



00260A

Inverse Universe

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



CE67B2



FF66D5



CE677F



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color 67CE83 looks on a white background.

Color Contrast Check

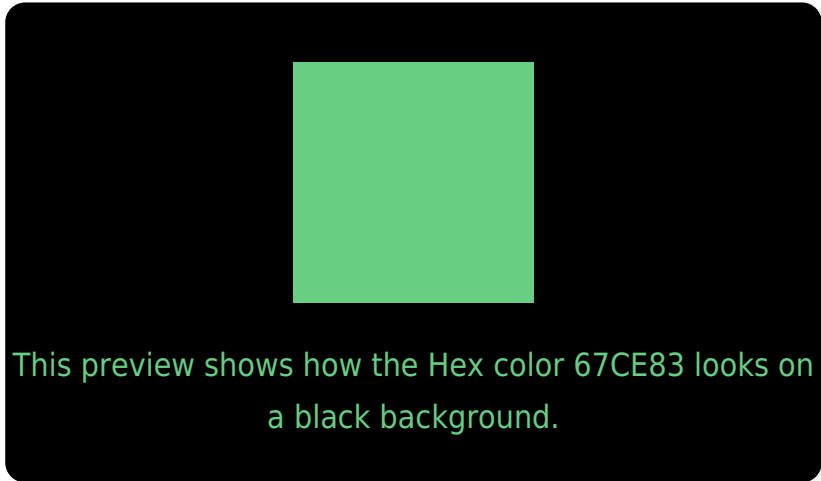
Large Text (above 18pt) WCAG AA × Fail

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

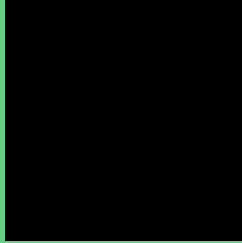
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 67CE83 Background



This preview shows how black text looks on a background with the Hex color 67CE83.

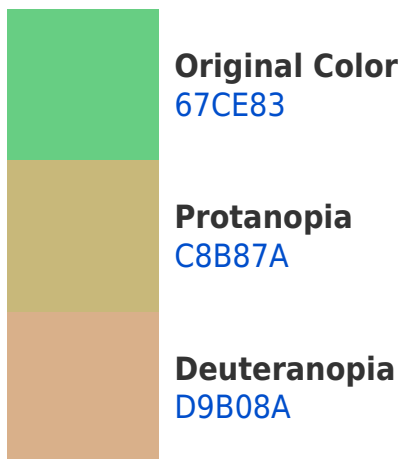


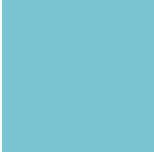
This preview shows how white text looks on a background with the Hex color 67CE83.

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
7BC4D4

Trichromacy



Original Color
67CE83



Protanomaly
A5C07D



Deuteranomaly
B0BB87



Tritanomaly
74C8B7

Monochromacy



Original Color
67CE83



Achromatopsia
A7A7A7



Achromatomaly
90B59A

CSS Examples

Text

The CSS property to change the color of the text to Hex 67CE83 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 #67CE83 looks like.

```
.text, #text, p{  
    color:#67CE83  
}
```

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 #67CE83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CE83
}
```

Border

The CSS property to change the border of an element to Hex 67CE83 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
#67CE83 }
```

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

```
.border{ border-color:#67CE83 }
```

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

Here you see how a box with a 4 pixel #67CE83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CE83; -webkit-box-shadow:4px 4px  
4px 4px #67CE83; box-shadow:4px 4px 4px  
4px #67CE83 }
```

Background

The CSS property to change the background color of an element to Hex 67CE83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CE83 }
```

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

```
.background{ background-color:#67CE83 }
```

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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