

Converting Colors

Hex(63CE84)

Have a look what the booklet for
Hex(63CE84) contains.

Hex(63CE84)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63CE84)

Conversions

Conversions Part 1

Format	Color
Hex	63CE84
RGB	99, 206, 132
RGB Percent	39%, 81%, 52%
CMY	0.6118, 0.1922, 0.4824
CMYK	0.52, 0.00, 0.36, 0.19
HSL	139°, 52%, 60%
HSV	139°, 52%, 81%
XYZ	31.3818, 48.4612, 29.5298
YIQ	165.5710, -40.0180, -45.6980

Conversions

Conversions Part 2

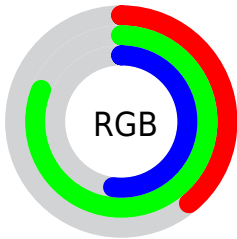
Format	Color
RYB	99, 181, 206
Decimal	6540932
CIELab	75.11, -47.16, 27.64
CIELCh	75, 54.657, 149.627
Yxy	48.4612, 0.2869, 0.4431
Android (android.graphics.Color)	4284731012 (0xFF63CE84)
YUV	165.5710, -16.5505, -58.3828
Hunter-Lab	69.6141, -41.3575, 23.5795

Details

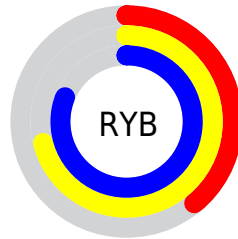
The Hex color **63CE84** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **CE63AD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9CFFBA**, and **249752** is the 20% darker color. If you saturate the color by 10%, you get **4ECE76**, and if you desaturate by 10%, it is **78CE92**.

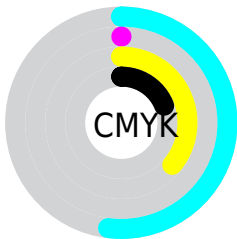
Distribution



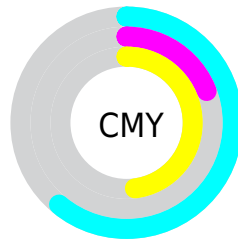
- Red (39%)
- Green (81%)
- Blue (52%)



- Red (39%)
- Yellow (71%)
- Blue (81%)



- Cyan (52%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)



- Cyan (61%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63CE84 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 63CE84 by changing the saturation by 10% instead.



63CE84



63CE84

FFFFFF



46B26A



9CFFBA



249752



B9FFD5



007C3A



D6FFF2



006323



F4FFFF



004A0B



003200



001A00



000000



63CE84



63CE84

 4ECE76

 78CE92

 3ACE68

 8CCEA0

 25CE59

 A1CEAF

 11CE4B

 B5CEBD

 00CE40

 CACECB

 DFCED9

 F3CEE8

 FFCEF6

 FFCEFF

Harmonies

Analogous

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



A4C55E



63CE84



00D2B7

Triad

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



63CE84



59BEFF



FF938A

Complementary

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



63CE84



CE63AD

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.



FF8EBC



63CE84



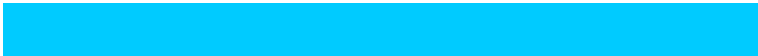
BBACFF

Square

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



63CE84



00CBFF



F699ED



FEA463

Rectangle

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



63CE84



00D2D9



F699ED



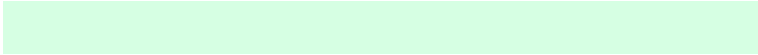
FF909A

Sweetspot

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



63CE84



D6FFE3



AECE63



67806F



000000



808080

Same Dimension

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



63CE84



61FF92



63CEB9



5C665F



00A633



00260C

Inverse Universe

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



CE63AD



FF61CE



CE6378



665C63



A60073



26001A

Previews

White Background



This preview shows how the Hex color 63CE84 looks on a white background.

Color Contrast Check

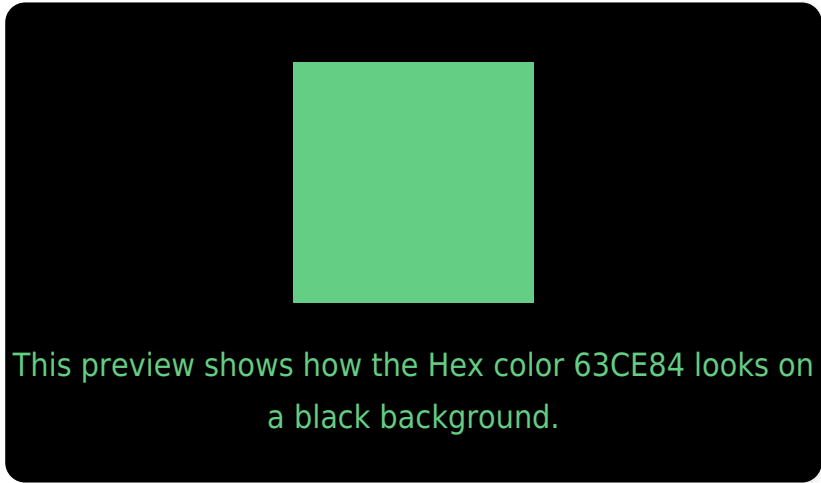
Large Text (above 18pt) WCAG AA × Fail

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

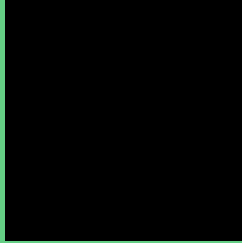
Any Text WCAG AA ✓ Pass

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 63CE84 Background



This preview shows how black text looks on a background with the Hex color 63CE84.



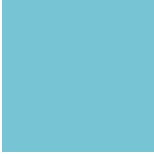
This preview shows how white text looks on a background with the Hex color 63CE84.

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
77C4D4

Trichromacy



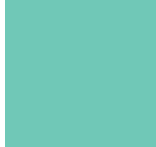
Original Color
63CE84



Protanomaly
A3C07E



Deuteranomaly
ADBB88



Tritanomaly
70C8B7

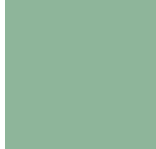
Monochromacy



Original Color
63CE84



Achromatopsia
A6A6A6



Achromatomaly
8EB59A

CSS Examples

Text

The CSS property to change the color of the text to Hex 63CE84 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 #63CE84 looks like.

```
.text, #text, p{  
    color:#63CE84  
}
```

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 #63CE84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CE84
}
```

Border

The CSS property to change the border of an element to Hex 63CE84 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
#63CE84 }
```

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

```
.border{ border-color:#63CE84 }
```

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

Here you see how a box with a 4 pixel #63CE84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CE84; -webkit-box-shadow:4px 4px  
4px 4px #63CE84; box-shadow:4px 4px 4px  
4px #63CE84 }
```

Background

The CSS property to change the background color of an element to Hex 63CE84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CE84 }
```

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

```
.background{ background-color:#63CE84 }
```

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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