

# Converting Colors

Hex(63FFC7)

Have a look what the booklet for  
Hex(63FFC7) contains.

<b>Hex(63FFC7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(63FFC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	63FFC7
RGB	99, 255, 199
RGB Percent	39%, 100%, 78%
CMY	0.6118, 0.0000, 0.2196
CMYK	0.61, 0.00, 0.22, 0.00
HSL	158°, 100%, 69%
HSV	158°, 61%, 100%
XYZ	51.2144, 78.2962, 66.4462
YIQ	201.9720, -75.0000, -50.4880

# Conversions

## Conversions Part 2

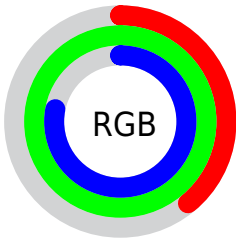
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 194, 255
Decimal	6553543
CIELab	90.91, -53.97, 14.69
CIELCh	91, 55.936, 164.770
Yxy	78.2962, 0.2614, 0.3996
Android (android.graphics.Color)	4284743623 (0xFF63FFC7)
YUV	201.9720, -1.4652, -90.3064
Hunter-Lab	88.4851, -51.5348, 17.4169

# Details

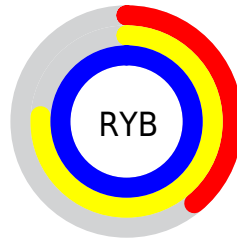
The Hex color **63FFC7** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF639B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A2FFFF**, and **00C591** is the 20% darker color. If you saturate the color by 10%, you get **49FFBE**, and if you desaturate by 10%, it is **7CFFD0**.

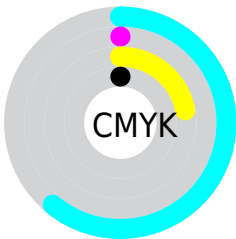
# Distribution



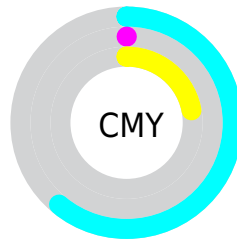
- Red (39%)
- Green (100%)
- Blue (78%)



- Red (39%)
- Yellow (76%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63FFC7 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 63FFC7 by changing the saturation by 10% instead.



 63FFC7

FFFFFF

 A2FFFF

 C1FFFF

 E0FFFF

 63FFC7

 3FE2AC

 00C591

 00A977

 008E5E

 007447

 005A30

 00411B

 002A02

 000600

 63FFC7

 63FFC7

 49FFBE

 7CFFD0

 30FFB5

 96FFD9

 16FFAC

 B0FFE2

 00FFA3

 C9FFEC

 E3FFF5

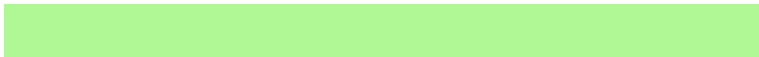
 FCFFE

 FFFFFF

# Harmonies

## Analogous

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



B0F796



63FFC7



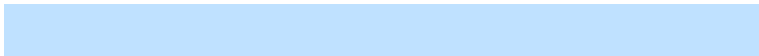
00FFFF

# Triad

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



63FFC7



BFE1FF



FFC69C

# Complementary

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



63FFC7



FF639B

# 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.



FFBACC



63FFC7



FFCDFF

# Square

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



63FFC7



49F2FF



FFBDFD



FFD87D

# Rectangle

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



63FFC7



00FFFF



FFBDFD



FFC0AB

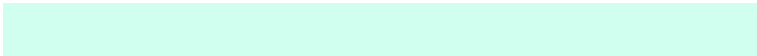


# Sweetspot

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



63FFC7



D1FFEF



9CFF63



638075



000000



808080



# Same Dimension

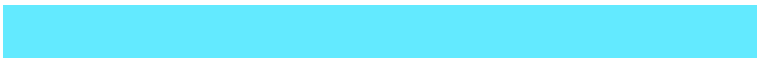
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63FFC7



45FFBC



63EAFB



73807B



00BF7B



004029



# Inverse Universe

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



FF639B



FF4588



FF7863



807377



BF0045

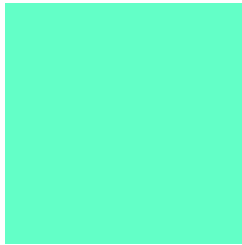


400017



# Previews

## White Background



This preview shows how the Hex color 63FFC7 looks on a white background.

## Color Contrast Check

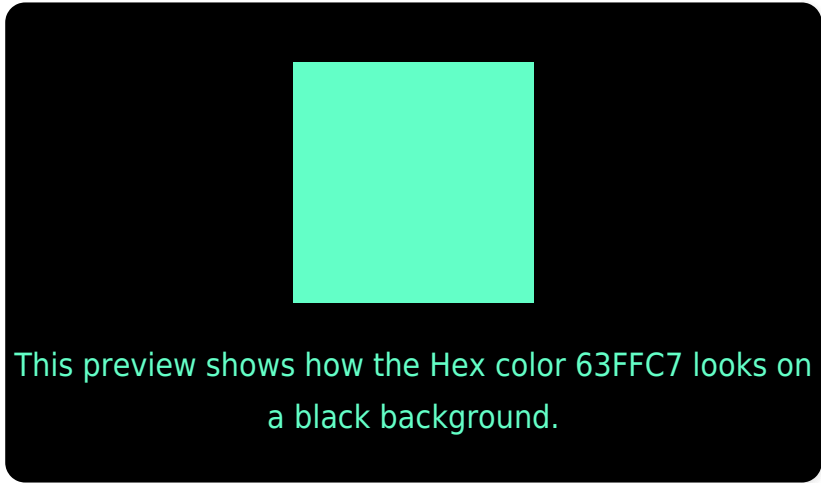
Large Text (above 18pt) WCAG AA × Fail

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

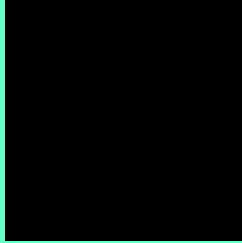
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

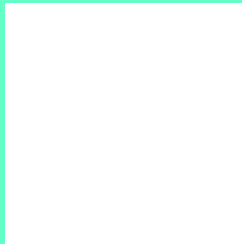
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63FFC7 Background



This preview shows how black text looks on a background with the Hex color 63FFC7.

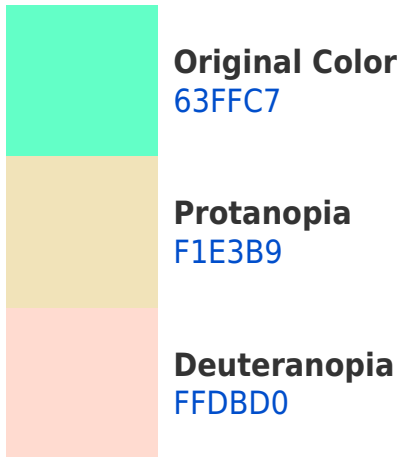


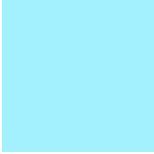
This preview shows how white text looks on a background with the Hex color 63FFC7.

# 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**  
A3F1FF

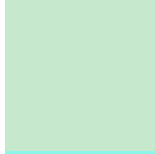
# Trichromacy



**Original Color**  
63FFC7



**Protanomaly**  
BDEDDBE



**Deuteranomaly**  
C6E8CD

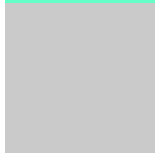


**Tritanomaly**  
8CF6EB

# Monochromacy



**Original Color**  
63FFC7



**Achromatopsia**  
CACACA



**Achromatomaly**  
A5DDC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63FFC7 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 #63FFC7 looks like.

```
.text, #text, p{  
    color:#63FFC7  
}
```

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 #63FFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63FFC7
}
```

## Border

The CSS property to change the border of an element to Hex 63FFC7 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
#63FFC7 }
```

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

```
.border{ border-color:#63FFC7 }
```

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

Here you see how a box with a 4 pixel #63FFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63FFC7; -webkit-box-shadow:4px 4px  
4px 4px #63FFC7; box-shadow:4px 4px 4px  
4px #63FFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 63FFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63FFC7 }
```

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

```
.background{ background-color:#63FFC7 }
```

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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