

# Converting Colors

Hex(63FAC8)

Have a look what the booklet for  
Hex(63FAC8) contains.

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# Color

**Hex(63FAC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63FAC8
RGB	99, 250, 200
RGB Percent	39%, 98%, 78%
CMY	0.6118, 0.0196, 0.2157
CMYK	0.60, 0.00, 0.20, 0.02
HSL	160°, 94%, 68%
HSV	160°, 60%, 98%
XYZ	49.7565, 75.1940, 66.5350
YIQ	199.1510, -73.9460, -47.5620

# Conversions

## Conversions Part 2

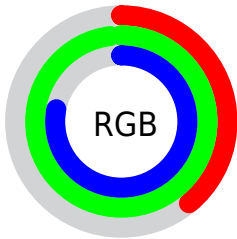
Format	Color
<a href="#">RYB</a>	<a href="#">99, 189, 250</a>
Decimal	<a href="#">6552264</a>
CIELab	<a href="#">89.48, -51.70, 12.15</a>
CIELCh	<a href="#">89, 53.109, 166.774</a>
Yxy	<a href="#">75.1940, 0.2598, 0.3927</a>
Android (android.graphics.Color)	<a href="#">4284742344 (0xFF63FAC8)</a>
YUV	<a href="#">199.1510, 0.4186, -87.8324</a>
Hunter-Lab	<a href="#">86.7145, -49.3275, 15.2076</a>

# Details

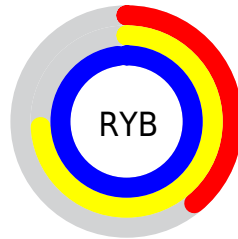
The Hex color **63FAC8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FA6395**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **A2FFFF**, and **01C192** is the 20% darker color. If you saturate the color by 10%, you get **4AFAC0**, and if you desaturate by 10%, it is **7CFAD0**.

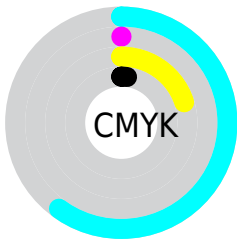
# Distribution



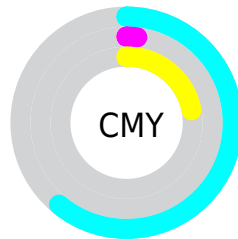
- Red (39%)
- Green (98%)
- Blue (78%)



- Red (39%)
- Yellow (74%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63FAC8 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 63FAC8 by changing the saturation by 10% instead.



 63FAC8

 63FAC8

FFFFFF

 3FDDAD


 A2FFFF

 01C192

 C0FFFF

 00A578

 DFFFFF

 008A5F

FEFFFF

 006F48

 005631

 003D1C

 002703

 000000

 63FAC8

 63FAC8

 4AFAC0

 7CFAD0

 31FAB7

 95FAD9

 18FAAF

 AEFAE1

 00FAA7

 C7FAE9

 E0FAF1

 F9FAFA

 FFFAFF

# Harmonies

## Analogous

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



ABF399



63FAC8



00FBFC

# Triad

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



63FAC8



C3DCFF



FFC499

# Complementary

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



63FAC8



FA6395

# 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.



FFB9C6



63FAC8



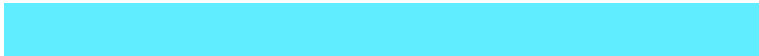
FFC9FF

# Square

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



63FAC8



5FEDFF



FFBBFA



FFD67E

# Rectangle

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



63FAC8



00F9FF



FFBBFA



FFBFA7

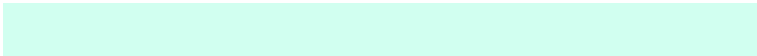


# Sweetspot

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



63FAC8



D1FFF0



95FA63



638076



000000



808080



# Same Dimension

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



63FAC8



47FFC2



63E1FA



707D79



00BD7E



003D29



# Inverse Universe

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



FA6395



FF4784



FA7C63



7D7075



BD003E

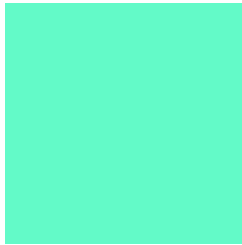


3D0014



# Previews

## White Background



This preview shows how the Hex color 63FAC8 looks on a white background.

## Color Contrast Check

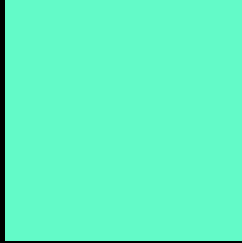
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 63FAC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

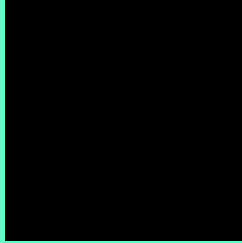
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63FAC8 Background



This preview shows how black text looks on a background with the Hex color 63FAC8.

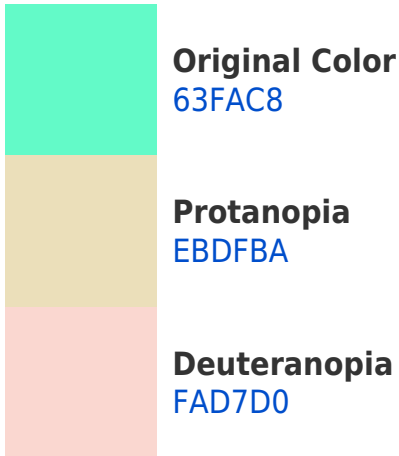


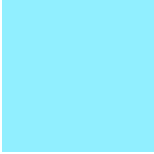
This preview shows how white text looks on a background with the Hex color 63FAC8.

# 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**  
91EFFF

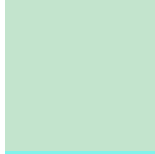
# Trichromacy



**Original Color**  
63FAC8



**Protanomaly**  
BAE9BF



**Deuteranomaly**  
C3E4CD



**Tritanomaly**  
80F3EB

# Monochromacy



**Original Color**  
63FAC8



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
A3DAC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63FAC8 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 #63FAC8 looks like.

```
.text, #text, p{  
    color:#63FAC8  
}
```

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 #63FAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63FAC8
}
```

## Border

The CSS property to change the border of an element to Hex 63FAC8 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
#63FAC8 }
```

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

```
.border{ border-color:#63FAC8 }
```

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

Here you see how a box with a 4 pixel #63FAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63FAC8; -webkit-box-shadow:4px 4px  
4px 4px #63FAC8; box-shadow:4px 4px 4px  
4px #63FAC8 }
```

# Background

The CSS property to change the background color of an element to Hex 63FAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63FAC8 }
```

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

```
.background{ background-color:#63FAC8 }
```

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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