

Converting Colors

Hex(64FFC8)

Have a look what the booklet for
Hex(64FFC8) contains.

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Color

Hex(64FFC8)

Conversions

Conversions Part 1

Format	Color
Hex	64FFC8
RGB	100, 255, 200
RGB Percent	39%, 100%, 78%
CMY	0.6078, 0.0000, 0.2157
CMYK	0.61, 0.00, 0.22, 0.00
HSL	159°, 100%, 70%
HSV	159°, 61%, 100%
XYZ	51.4409, 78.3995, 67.0650
YIQ	202.3850, -74.7250, -49.9650

Conversions

Conversions Part 2

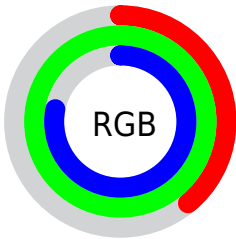
Format	Color
RYB	100, 194, 255
Decimal	6619080
CIELab	90.96, -53.57, 14.25
CIELCh	91, 55.438, 165.105
Yxy	78.3995, 0.2612, 0.3982
Android (android.graphics.Color)	4284809160 (0xFF64FFC8)
YUV	202.3850, -1.1758, -89.7916
Hunter-Lab	88.5435, -51.2484, 17.0727

Details

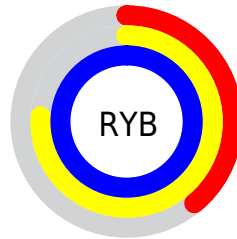
The Hex color **64FFC8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF649B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A3FFFF**, and **00C592** is the 20% darker color. If you saturate the color by 10%, you get **4BFFBF**, and if you desaturate by 10%, it is **7DFFD1**.

Distribution



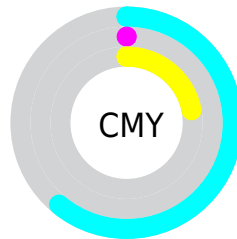
- Red (39%)
- Green (100%)
- Blue (78%)



- 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 64FFC8 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 64FFC8 by changing the saturation by 10% instead.

 64FFC8

FFFFFF

 A3FFFF

 C2FFFF

 E1FFFF

 64FFC8

 40E2AD

 00C592

 00A978

 008E5F

 007448

 005A31

 00411C

 002B03

 000700

 64FFC8

 64FFC8

 4BFFBF

 7DFFD1

 31FFB6

 97FFDA

 18FFAD

 B1FFE3

 00FFA5

 CAFFEC

 E3FFF5

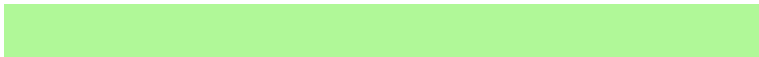
 FDFFE

 FFFFFF

Harmonies

Analogous

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



B0F898



64FFC8



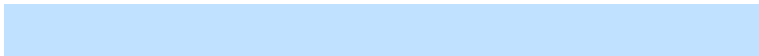
00FFFF

Triad

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



64FFC8



C0E1FF



FFC69C

Complementary

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



64FFC8



FF649B

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.



FFBBCC



64FFC8



FFCDFF

Square

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



64FFC8



4FF2FF



FFBDFF



FFD97E

Rectangle

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



64FFC8



00FFFF



FFBDFD



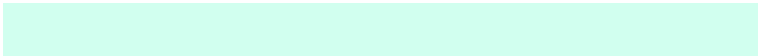
FFC1A8

Sweetspot

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



64FFC8



D1FFEF



9DFF64



638076



000000



808080

Same Dimension

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



64FFC8



45FFBD



64EAFB



73807B



00BF7B



004029

Inverse Universe

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



FF649B



FF4587



FF7964



807377



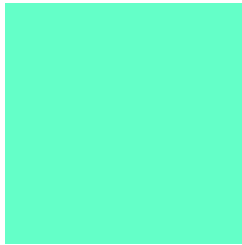
BF0044



400017

Previews

White Background



This preview shows how the Hex color 64FFC8 looks on a white background.

Color Contrast Check

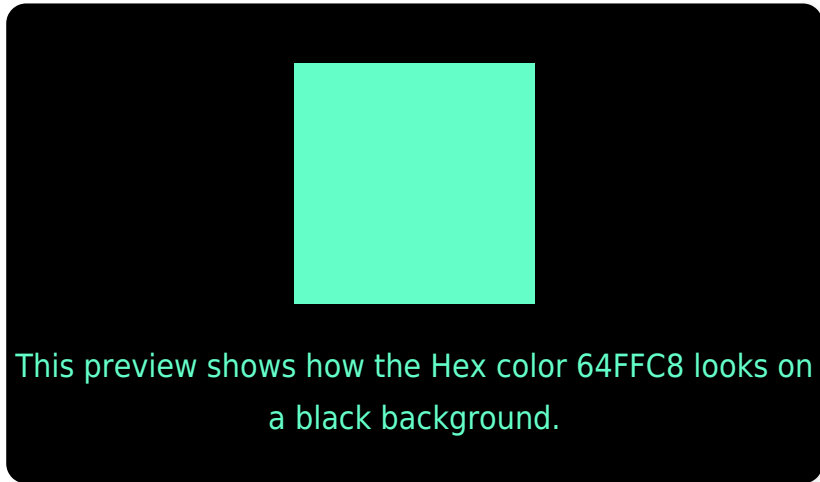
Large Text (above 18pt) WCAG AA × Fail

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 64FFC8 Background



This preview shows how black text looks on a background with the Hex color 64FFC8.

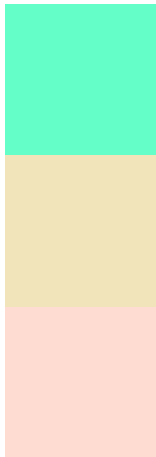


This preview shows how white text looks on a background with the Hex color 64FFC8.

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](#).

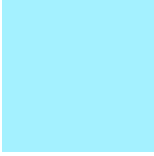
Dichromacy



Original Color
64FFC8

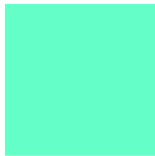
Protanopia
F1E3BA

Deuteranopia
FFDCD1

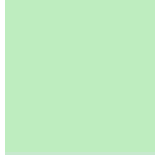


Tritanopia
A4F1FF

Trichromacy



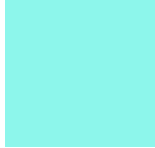
Original Color
64FFC8



Protanomaly
BEEDBF



Deuteranomaly
C7E9CE

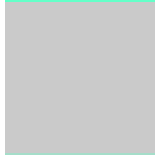


Tritanomaly
8DF6EB

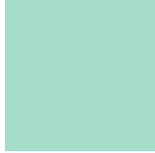
Monochromacy



Original Color
64FFC8



Achromatopsia
CACACA



Achromatomaly
A5DDC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 64FFC8 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 #64FFC8 looks like.

```
.text, #text, p{  
    color:#64FFC8  
}
```

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 #64FFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64FFC8
}
```

Border

The CSS property to change the border of an element to Hex 64FFC8 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
#64FFC8 }
```

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

```
.border{ border-color:#64FFC8 }
```

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

Here you see how a box with a 4 pixel #64FFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64FFC8; -webkit-box-shadow:4px 4px  
4px 4px #64FFC8; box-shadow:4px 4px 4px  
4px #64FFC8 }
```

Background

The CSS property to change the background color of an element to Hex 64FFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64FFC8 }
```

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

```
.background{ background-color:#64FFC8 }
```

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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