

# Converting Colors

Hex(45FCC8)

Have a look what the booklet for  
Hex(45FCC8) contains.

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# Color

Hex(45FCC8)

# Conversions

## Conversions Part 1

Format	Color
Hex	45FCC8
RGB	69, 252, 200
RGB Percent	27%, 99%, 78%
CMY	0.7294, 0.0118, 0.2157
CMYK	0.73, 0.00, 0.21, 0.01
HSL	163°, 97%, 63%
HSV	163°, 73%, 99%
XYZ	47.6900, 75.0561, 66.6173
YIQ	191.3550, -92.3760, -54.9680

# Conversions

## Conversions Part 2

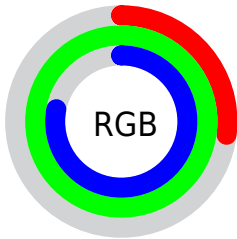
Format	Color
<a href="#">RYB</a>	<a href="#">69, 176, 252</a>
Decimal	<a href="#">4586696</a>
CIELab	<a href="#">89.42, -57.08, 11.97</a>
CIELCh	<a href="#">89, 58.322, 168.157</a>
Yxy	<a href="#">75.0561, 0.2518, 0.3964</a>
Android (android.graphics.Color)	<a href="#">4282776776</a> ( <a href="#">0xFF45FCC8</a> )
YUV	<a href="#">191.3550, 4.2620, -107.3053</a>
Hunter-Lab	<a href="#">86.6350, -53.3522, 15.0538</a>

# Details

The Hex color **45FCC8** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FC4579**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **8CFFFF**, and **00C292** is the 20% darker color. If you saturate the color by 10%, you get **2CFCC1**, and if you desaturate by 10%, it is **5EFCCF**.

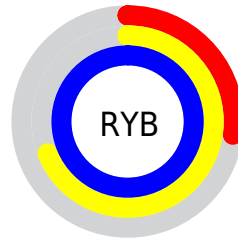
# Distribution



Red (27%)

Green (99%)

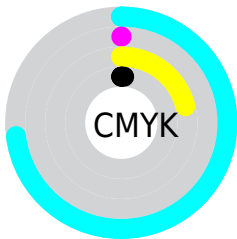
Blue (78%)



Red (27%)

Yellow (69%)

Blue (99%)

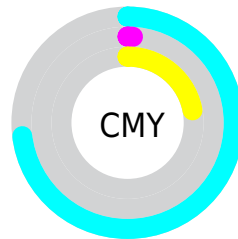


Cyan (73%)

Magenta (0%)

Yellow (21%)

Black (1%)



Cyan (73%)

Magenta (1%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45FCC8 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 45FCC8 by changing the saturation by 10% instead.



 45FCC8

FFFFFF

 8CFFFF

 ADFFFF

 CCFFFF

 ECFFFF

 45FCC8

 00DFAD

 00C292

 00A678

 008B5F

 007148

 005731

 003E1C

 002703

 000000

 45FCC8

 45FCC8

 2CFCC1

 5EFCCF

 13FCBA

 77FCD6

 00FCB4

 91FCDD

 AAFCE5

 C3FCEC

 DCFCF3

 F5FCFA

 FFFCFF

# Harmonies

## Analogous

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



A1F594



45FCC8



00FDFD

# Triad

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



45FCC8



C2DBFF



FFC290

# Complementary

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



45FCC8



FC4579

# 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.



FFB4C1



45FCC8



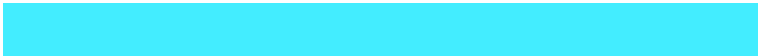
FFC5FF

# Square

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



45FCC8



43EDFF



FFB5F9



FFD672

# Rectangle

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



45FCC8



00BFFF



FFB5F9



FFBC9F

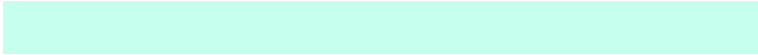


# Sweetspot

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



45FCC8



C7FFEF



7CFC45



5E8076



000000



808080



# Same Dimension

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



45FCC8



21FFC0



45D7FC



707D79



00BD87



003D2C



# Inverse Universe

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



FC4579



FF2160



FC6A45



7D7074



BD0036

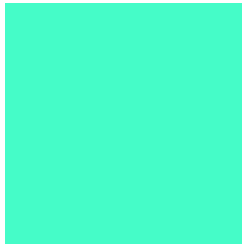


3D0011



# Previews

## White Background



This preview shows how the Hex color 45FCC8 looks on a white background.

## Color Contrast Check

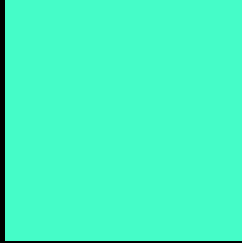
Large Text (above 18pt) WCAG AA × Fail

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 45FCC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

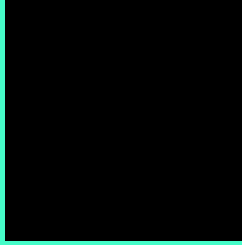
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45FCC8 Background



This preview shows how black text looks on a background with the Hex color 45FCC8.

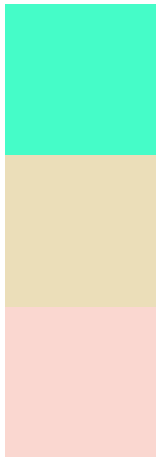


This preview shows how white text looks on a background with the Hex color 45FCC8.

# 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](#).

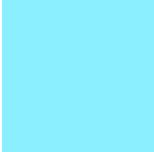
## Dichromacy



**Original Color**  
45FCC8

**Protanopia**  
EBDEB9

**Deuteranopia**  
FAD7D0



**Tritanopia**  
8BEFFF

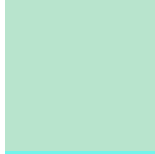
# Trichromacy



**Original Color**  
45FCC8



**Protanomaly**  
AFE9BE



**Deuteranomaly**  
B8E4CD

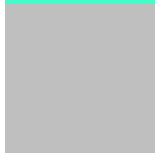


**Tritanomaly**  
72F4EB

# Monochromacy



**Original Color**  
45FCC8



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
93D5C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45FCC8 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 #45FCC8 looks like.

```
.text, #text, p{  
    color:#45FCC8  
}
```

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 #45FCC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45FCC8 }  
}
```

## Border

The CSS property to change the border of an element to Hex 45FCC8 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 #45FCC8 }  
}
```

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

```
.border{ border-color:#45FCC8 }
```

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

Here you see how a box with a 4 pixel #45FCC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45FCC8; -webkit-box-shadow:4px 4px  
4px 4px #45FCC8; box-shadow:4px 4px 4px  
4px #45FCC8 }
```

# Background

The CSS property to change the background color of an element to Hex 45FCC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45FCC8 }
```

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

```
.background{ background-color:#45FCC8 }
```

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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