

Converting Colors

Hex(65FC96)

Have a look what the booklet for
Hex(65FC96) contains.

Hex(65FC96)	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(65FC96)

Conversions

Conversions Part 1

Format	Color
Hex	65FC96
RGB	101, 252, 150
RGB Percent	40%, 99%, 59%
CMY	0.6039, 0.0118, 0.4118
CMYK	0.60, 0.00, 0.40, 0.01
HSL	139°, 96%, 69%
HSV	139°, 60%, 99%
XYZ	45.6823, 74.5895, 40.8437
YIQ	195.2230, -57.2540, -63.7340

Conversions

Conversions Part 2

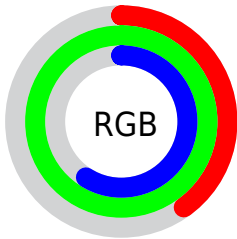
Format	Color
RYB	101, 215, 252
Decimal	6683798
CIELab	89.20, -61.79, 37.14
CIElCh	89, 72.095, 148.992
Yxy	74.5895, 0.2835, 0.4630
Android (android.graphics.Color)	4284873878 (0xFF65FC96)
YUV	195.2230, -22.2949, -82.6336
Hunter-Lab	86.3652, -56.7229, 32.4163

Details

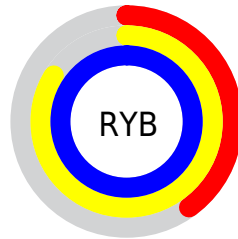
The Hex color **65FC96** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FC65CB**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A3FFCD**, and **0BC262** is the 20% darker color. If you saturate the color by 10%, you get **4CFC85**, and if you desaturate by 10%, it is **7EFCA7**.

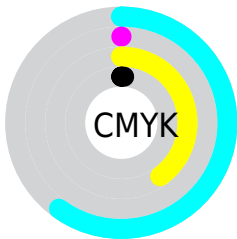
Distribution



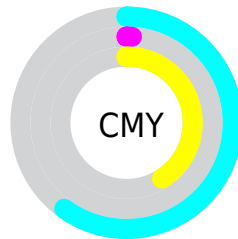
- Red (40%)
- Green (99%)
- Blue (59%)



- Red (40%)
- Yellow (84%)
- Blue (99%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (60%)
- Magenta (1%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65FC96 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 65FC96 by changing the saturation by 10% instead.

 65FC96

 65FC96

FFFFFF

 42DF7C


 A3FFCD

 0BC262

 C2FFEA

 00A649

 E1FFFF

 008B30

 007017

 005600

 003E00

 002600

 000000

 65FC96

 65FC96

 4CFC85

 7EFC A7

 33FC74

 97FCB8

 19FC63

 B1FCC9

 00FC52

 CAF CDA

 E3FCEB

 FCFCFC

 FFFCFF

Harmonies

Analogous

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



C3F060



65FC96



00FFDB

Triad

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



65FC96



2DE8FF



FFAAA1

Complementary

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



65FC96



FC65CB

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.



FFA3E5



65FC96



DECFFF

Square

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



65FC96



00F9FF



FFB3FF



FFC26A

Rectangle

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



65FC96



00FFFF



FFB3FF



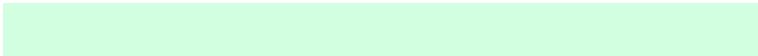
FFA5B7

Sweetspot

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



65FC96



D1FFE0



CCFC65



63806D



000000



808080

Same Dimension

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



65FC96



47FF83



65FCE0



707D75



00BD3D



003D14

Inverse Universe

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



FC65CB



FF47C3



FC6581



7D7079



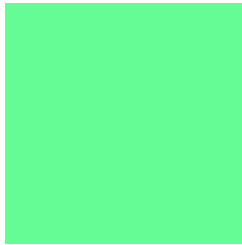
BD007F



3D0029

Previews

White Background



This preview shows how the Hex color 65FC96 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 65FC96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

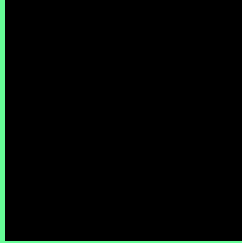
Any Text WCAG AA ✓ Pass

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 65FC96 Background



This preview shows how black text looks on a background with the Hex color 65FC96.

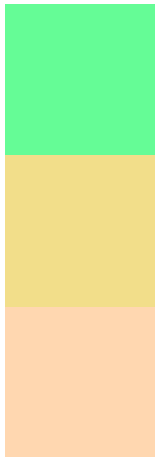


This preview shows how white text looks on a background with the Hex color 65FC96.

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](#).

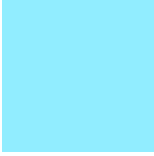
Dichromacy



Original Color
65FC96

Protanopia
F2DE8A

Deuteranopia
FFD7B0



Tritanopia
91EDFF

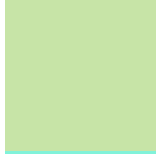
Trichromacy



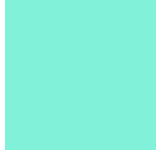
Original Color
65FC96



Protanomaly
BFE98E

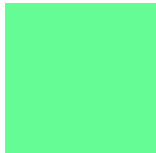


Deuteranomaly
C7E4A7

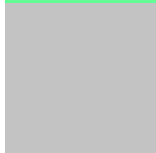


Tritanomaly
81F2D9

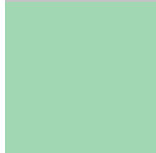
Monochromacy



Original Color
65FC96



Achromatopsia
C3C3C3



Achromatomaly
A1D8B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 65FC96 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 #65FC96 looks like.

```
.text, #text, p{  
    color:#65FC96  
}
```

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 #65FC96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FC96  
}
```

Border

The CSS property to change the border of an element to Hex 65FC96 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  
#65FC96 }
```

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

```
.border{ border-color:#65FC96 }
```

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

Here you see how a box with a 4 pixel #65FC96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FC96; -webkit-box-shadow:4px 4px  
4px 4px #65FC96; box-shadow:4px 4px 4px  
4px #65FC96 }
```

Background

The CSS property to change the background color of an element to Hex 65FC96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FC96 }
```

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

```
.background{ background-color:#65FC96 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor