

Converting Colors

Hex(65FE83)

Have a look what the booklet for
Hex(65FE83) contains.

Hex(65FE83)	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(65FE83)

Conversions

Conversions Part 1

Format	Color
Hex	65FE83
RGB	101, 254, 131
RGB Percent	40%, 100%, 51%
CMY	0.6039, 0.0039, 0.4863
CMYK	0.60, 0.00, 0.48, 0.00
HSL	132°, 99%, 70%
HSV	132°, 60%, 100%
XYZ	44.9054, 75.2890, 33.6382
YIQ	194.2310, -51.7050, -70.6890

Conversions

Conversions Part 2

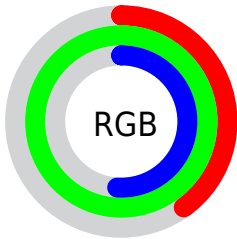
Format	Color
RYB	101, 229, 254
Decimal	6684291
CIELab	89.53, -65.44, 46.74
CIELCh	90, 80.418, 144.462
Yxy	75.2890, 0.2919, 0.4894
Android (android.graphics.Color)	4284874371 (0xFF65FE83)
YUV	194.2310, -31.1729, -81.7636
Hunter-Lab	86.7692, -59.4677, 37.7533

Details

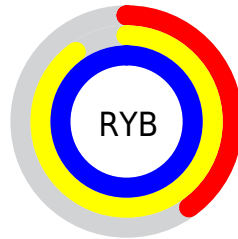
The Hex color **65FE83** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE65E0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A4FFBA**, and **05C44E** is the 20% darker color. If you saturate the color by 10%, you get **4CFE6F**, and if you desaturate by 10%, it is **7EFE97**.

Distribution



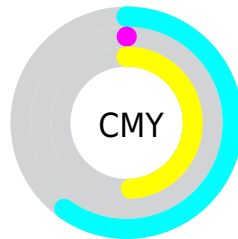
- Red (40%)
- Green (100%)
- Blue (51%)



- Red (40%)
- Yellow (90%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65FE83 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 65FE83 by changing the saturation by 10% instead.

 65FE83

 65FE83

FFFFFF

 41E168

 A4FFBA

 05C44E


 C3FFD6

 00A834

 E2FFF3

 008D18

 007200

 005800

 003F00

 002700

 000000

 65FE83

 65FE83

 4CFE6F

 7EFE97

 32FE5A

 98FEAC

 19FE46

 B1FEC0

 00FE32

 CBFED5

 E4FEE9

 FDFEFE

 FFFEFF

Harmonies

Analogous

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



CCF047



65FE83



00FFD0

Triad

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



65FE83



00EEFF



FF9FA6

Complementary

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



65FE83



FE65E0

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.



FF9AF3



65FE83



C9D3FF

Square

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



65FE83



00FFFF



FFB1FF



FFBA64

Rectangle

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



65FE83



00FFFF



FFB1FF



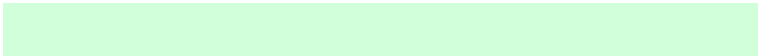
FF9ABF

Sweetspot

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



65FE83



D1FFDA



E2FE65



638069



000000



808080

Same Dimension

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



65FE83



47FF6B



65FECE



738075



00BF25



00400C

Inverse Universe

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



FE65E0



FF47DB



FE6595



80737D



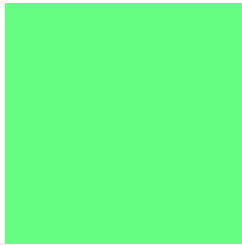
BF009A



400033

Previews

White Background



This preview shows how the Hex color 65FE83 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 65FE83 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 65FE83 Background



This preview shows how black text looks on a background with the Hex color 65FE83.

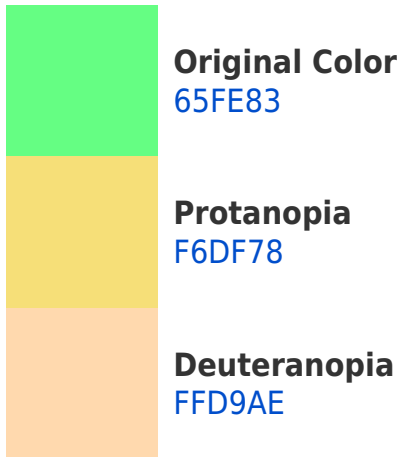


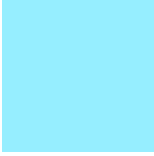
This preview shows how white text looks on a background with the Hex color 65FE83.

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



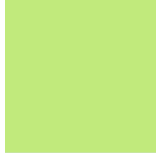


Tritanopia
96EEFF

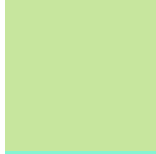
Trichromacy



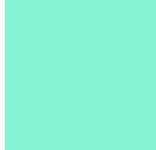
Original Color
65FE83



Protanomaly
C1EA7C

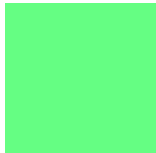


Deuteranomaly
C7E69E

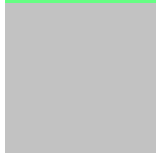


Tritanomaly
84F4D2

Monochromacy



Original Color
65FE83



Achromatopsia
C2C2C2



Achromatomaly
A0D8AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 65FE83 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 #65FE83 looks like.

```
.text, #text, p{  
    color:#65FE83  
}
```

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 #65FE83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FE83
}
```

Border

The CSS property to change the border of an element to Hex 65FE83 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
#65FE83 }
```

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

```
.border{ border-color:#65FE83 }
```

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

Here you see how a box with a 4 pixel #65FE83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FE83; -webkit-box-shadow:4px 4px  
4px 4px #65FE83; box-shadow:4px 4px 4px  
4px #65FE83 }
```

Background

The CSS property to change the background color of an element to Hex 65FE83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FE83 }
```

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

```
.background{ background-color:#65FE83 }
```

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