

Converting Colors

Hex(64FF87)

Have a look what the booklet for
Hex(64FF87) contains.

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Color

Hex(64FF87)

Conversions

Conversions Part 1

Format	Color
Hex	64FF87
RGB	100, 255, 135
RGB Percent	39%, 100%, 53%
CMY	0.6078, 0.0000, 0.4706
CMYK	0.61, 0.00, 0.47, 0.00
HSL	134°, 100%, 70%
HSV	134°, 61%, 100%
XYZ	45.3887, 75.9786, 35.1948
YIQ	194.9750, -53.8600, -70.1800

Conversions

Conversions Part 2

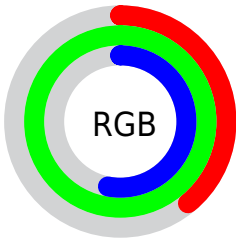
Format	Color
RYB	100, 226, 255
Decimal	6619015
CIELab	89.85, -65.43, 45.24
CIElCh	90, 79.549, 145.338
Yxy	75.9786, 0.2899, 0.4853
Android (android.graphics.Color)	4284809095 (0xFF64FF87)
YUV	194.9750, -29.5677, -83.2931
Hunter-Lab	87.1657, -59.5919, 37.0765

Details

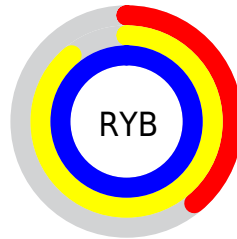
The Hex color **64FF87** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF64DC**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A3FFBE**, and **00C553** is the 20% darker color. If you saturate the color by 10%, you get **4BFF73**, and if you desaturate by 10%, it is **7DFF9B**.

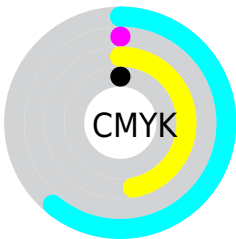
Distribution



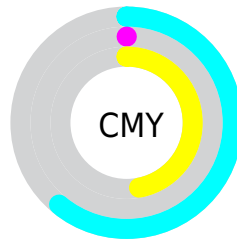
- Red (39%)
- Green (100%)
- Blue (53%)



- Red (39%)
- Yellow (89%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64FF87 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 64FF87 by changing the saturation by 10% instead.

 64FF87

FFFFFF

 A3FFBE

 C2FFDA

 E1FFF7

 64FF87

 40E26C

 00C553

 00A939

 008D1E

 007300

 005900

 004000

 002800

 000000

 64FF87

 64FF87

 4BFF73

 7DFF9B

 31FF60

 97FFAE

 18FF4C

 B1FFC2

 00FF3A

 CAFFD6

 E3FFEA

 FDFFFD

 FFFFFFFF

Harmonies

Analogous

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



CBF14C



64FF87



00FFD3

Triad

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



64FF87



00EEFF



FFA1A5

Complementary

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



64FF87



FF64DC

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.



FF9CF1



64FF87



CED3FF

Square

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



64FF87



00FFFF



FFB2FF



FFBC65

Rectangle

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



64FF87



00FFFF



FFB2FF



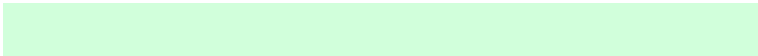
FF9CBE

Sweetspot

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



64FF87



D1FFDB



DDFF64



63806A



000000



808080

Same Dimension

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



64FF87



45FF6F



64FFD3



738076



00BF2B



00400E

Inverse Universe

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



FF64DC



FF45D5



FF6490



80737D



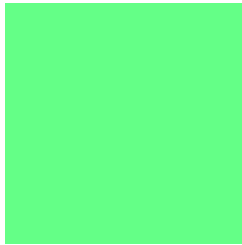
BF0094



400031

Previews

White Background



This preview shows how the Hex color 64FF87 looks on a white background.

Color Contrast Check

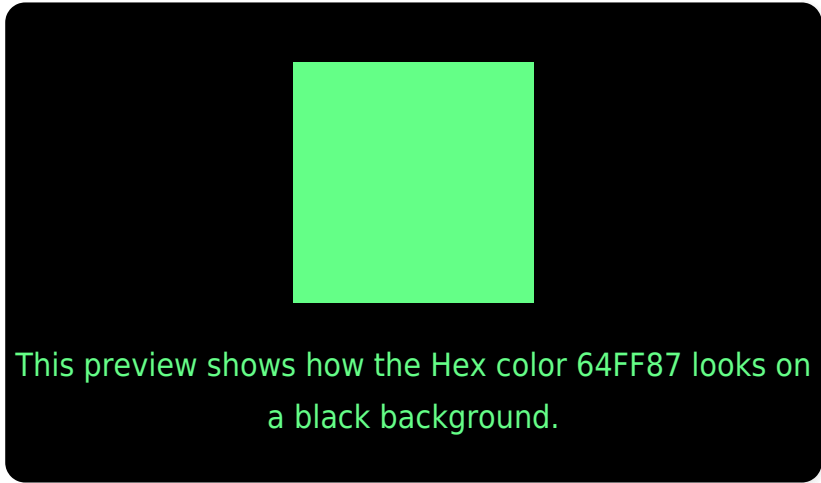
Large Text (above 18pt) WCAG AA × Fail

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

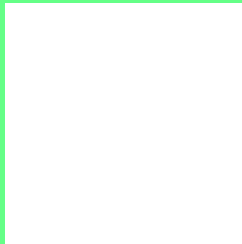
Any Text WCAG AAA ✓ Pass

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

Hex 64FF87 Background



This preview shows how black text looks on a background with the Hex color 64FF87.

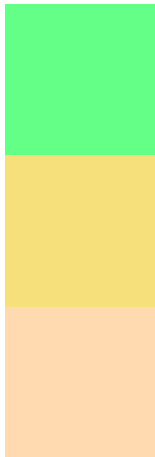


This preview shows how white text looks on a background with the Hex color 64FF87.

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](#).

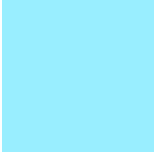
Dichromacy



Original Color
64FF87

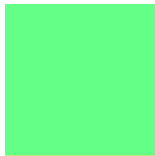
Protanopia
F6E07C

Deuteranopia
FFDAB1



Tritanopia
99EEFF

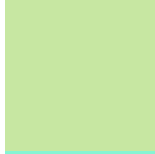
Trichromacy



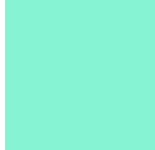
Original Color
64FF87



Protanomaly
C1EB80



Deuteranomaly
C7E7A2

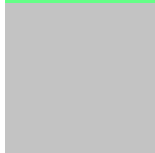


Tritanomaly
86F4D3

Monochromacy



Original Color
64FF87



Achromatopsia
C3C3C3



Achromatomaly
A0D9AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 64FF87 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 #64FF87 looks like.

```
.text, #text, p{  
    color:#64FF87  
}
```

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 #64FF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64FF87
}
```

Border

The CSS property to change the border of an element to Hex 64FF87 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
#64FF87 }
```

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

```
.border{ border-color:#64FF87 }
```

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

Here you see how a box with a 4 pixel #64FF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64FF87; -webkit-box-shadow:4px 4px  
4px 4px #64FF87; box-shadow:4px 4px 4px  
4px #64FF87 }
```

Background

The CSS property to change the background color of an element to Hex 64FF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64FF87 }
```

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

```
.background{ background-color:#64FF87 }
```

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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