

Converting Colors

Hex(5EFF81)

Have a look what the booklet for
Hex(5EFF81) contains.

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Color

Hex(5EFF81)

Conversions

Conversions Part 1

Format	Color
Hex	5EFF81
RGB	94, 255, 129
RGB Percent	37%, 100%, 51%
CMY	0.6314, 0.0000, 0.4941
CMYK	0.63, 0.00, 0.49, 0.00
HSL	133°, 100%, 68%
HSV	133°, 63%, 100%
XYZ	44.3385, 75.4847, 33.0020
YIQ	192.4970, -55.5100, -73.3180

Conversions

Conversions Part 2

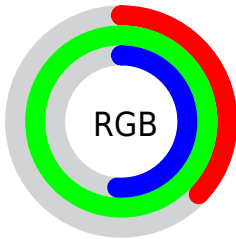
Format	Color
RYB	94, 226, 255
Decimal	6225793
CIELab	89.62, -67.48, 47.76
CIELCh	90, 82.668, 144.711
Yxy	75.4847, 0.2901, 0.4939
Android (android.graphics.Color)	4284415873 (0xFF5EFF81)
YUV	192.4970, -31.3040, -86.3819
Hunter-Lab	86.8819, -60.9492, 38.2961

Details

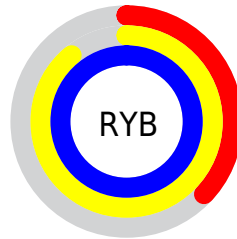
The Hex color **5EFF81** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF5EDC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **9FFFB8**, and **00C54C** is the 20% darker color. If you saturate the color by 10%, you get **45FF6D**, and if you desaturate by 10%, it is **78FF95**.

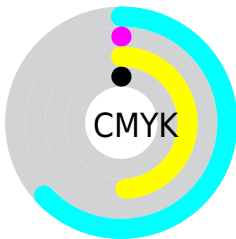
Distribution



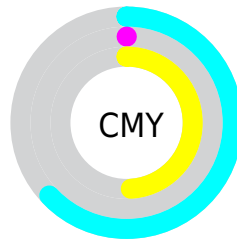
- Red (37%)
- Green (100%)
- Blue (51%)



- Red (37%)
- Yellow (89%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EFF81 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 5EFF81 by changing the saturation by 10% instead.

 5EFF81

 5EFF81

FFFFFF

 38E266

 9FFFB8

 00C54C

 BEFFD4

 00A932

 DDFFF1

 008D15

 FCFFF

 007200

 005800

 003F00

 002700

 000000

 5EFF81

 5EFF81

 45FF6D

 78FF95

 2BFF59

 91FFA9

 12FF45

 ABFFBD

 00FF37

 C4FFD1

 DEFFE5

 F7FFF9

FFFFFF

Harmonies

Analogous

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



CAF042



5EFF81



00FFD0

Triad

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



5EFF81



00EFFF



FF9DA4

Complementary

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



5EFF81



FF5EDC

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.



FF97F3



5EFF81



C8D2FF

Square

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



5EFF81



00FFFF



FFB0FF



FFB960

Rectangle

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



5EFF81



00FFFF



FFB0FF



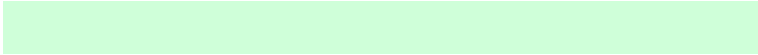
FF97BE

Sweetspot

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



5EFF81



CFFFD9



DCFF5E



628069



000000



808080

Same Dimension

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



5EFF81



3DFF67



5EFFD1



738076



00BF2A



00400E

Inverse Universe

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



FF5EDC



FF3DD5



FF5E8C



80737D



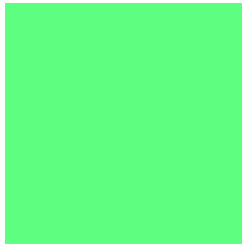
BF0096



400032

Previews

White Background



This preview shows how the Hex color 5EFF81 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 5EFF81 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

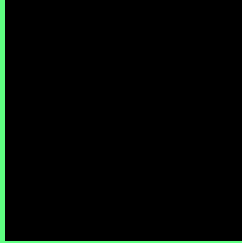
Any Text WCAG AA ✓ Pass

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 5EFF81 Background



This preview shows how black text looks on a background with the Hex color 5EFF81.

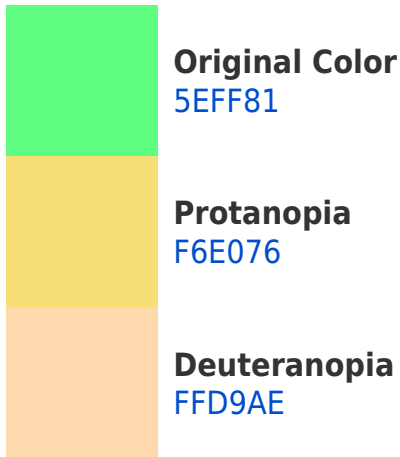


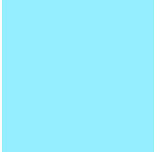
This preview shows how white text looks on a background with the Hex color 5EFF81.

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](#).

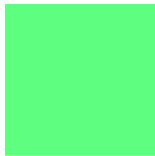
Dichromacy





Tritanopia
95EEFF

Trichromacy



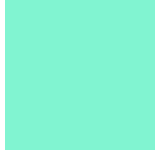
Original Color
5EFF81



Protanomaly
BFEB7A



Deuteranomaly
C4E79E

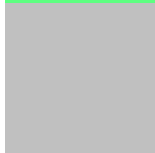


Tritanomaly
81F4D1

Monochromacy



Original Color
5EFF81



Achromatopsia
C0C0C0



Achromatomaly
9CD7A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EFF81 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 #5EFF81 looks like.

```
.text, #text, p{  
    color:#5EFF81  
}
```

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 #5EFF81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFF81
}
```

Border

The CSS property to change the border of an element to Hex 5EFF81 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
#5EFF81 }
```

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

```
.border{ border-color:#5EFF81 }
```

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

Here you see how a box with a 4 pixel #5EFF81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFF81; -webkit-box-shadow:4px 4px  
4px 4px #5EFF81; box-shadow:4px 4px 4px  
4px #5EFF81 }
```

Background

The CSS property to change the background color of an element to Hex 5EFF81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFF81 }
```

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

```
.background{ background-color:#5EFF81 }
```

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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