

Converting Colors

Hex(7BFF5E)

Have a look what the booklet for
Hex(7BFF5E) contains.

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Color

Hex(7BFF5E)

Conversions

Conversions Part 1

Format	Color
Hex	7BFF5E
RGB	123, 255, 94
RGB Percent	48%, 100%, 37%
CMY	0.5176, 0.0000, 0.6314
CMYK	0.52, 0.00, 0.63, 0.00
HSL	109°, 100%, 68%
HSV	109°, 63%, 100%
XYZ	45.9488, 76.5391, 22.9415
YIQ	197.1780, -26.9910, -78.0550

Conversions

Conversions Part 2

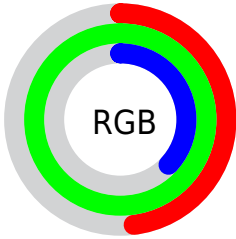
Format	Color
RYB	94, 255, 226
Decimal	8126302
CIELab	90.11, -64.95, 63.94
CIElCh	90, 91.139, 135.450
Yxy	76.5391, 0.3160, 0.5263
Android (android.graphics.Color)	4286316382 (0xFF7BFF5E)
YUV	197.1780, -50.8668, -65.0541
Hunter-Lab	87.4866, -59.3518, 45.6931

Details

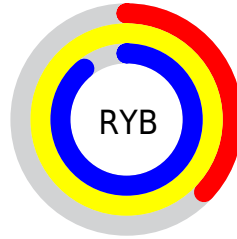
The Hex color **7BFF5E** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **E25EFF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B8FF96**, and **37C521** is the 20% darker color. If you saturate the color by 10%, you get **66FF45**, and if you desaturate by 10%, it is **90FF78**.

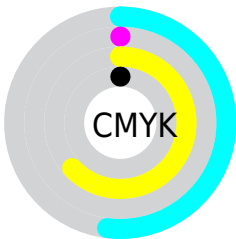
Distribution



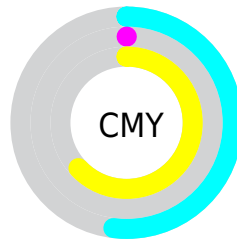
- Red (48%)
- Green (100%)
- Blue (37%)



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



- Cyan (52%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BFF5E 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 7BFF5E by changing the saturation by 10% instead.

 7BFF5E

 7BFF5E

FFFFFF

 5BE241


 B8FF96

 37C521

 D7FFB2

 00A900

 F6FFCF

 008E00

 FFFFEC

 007300

 005900

 004000

 002800

 000100

 7BFF5E

 7BFF5E

 66FF45

 90FF78

 51FF2B

 A5FF91

 3CFF12

 BAFFAB

 2EFF00

 CFFFC4

 E4FFDE

 F8FFF7

FFFFFF

Harmonies

Analogous

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



E3EC07



7BFF5E



00FFB4

Triad

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



7BFF5E



00F9FF



FF8CB9

Complementary

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



7BFF5E



E25EFF

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.



FF92FF



7BFF5E



84DDFF

Square

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



7BFF5E



00FFFF



FFB7FF



FFAA69

Rectangle

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



7BFF5E



00FFF1



FFB7FF



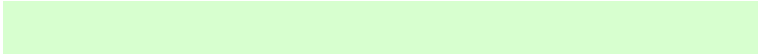
FF8AD6

Sweetspot

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



7BFF5E



D7FFCF



FFE15E



678062



000000



808080

Same Dimension

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



7BFF5E



60FF3D



5EFF91



758073



22BF00



0B4000

Inverse Universe

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



E25EFF



DC3DFF



FF5ECC



7D7380



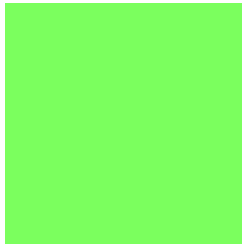
9D00BF



340040

Previews

White Background



This preview shows how the Hex color 7BFF5E looks on a white background.

Color Contrast Check

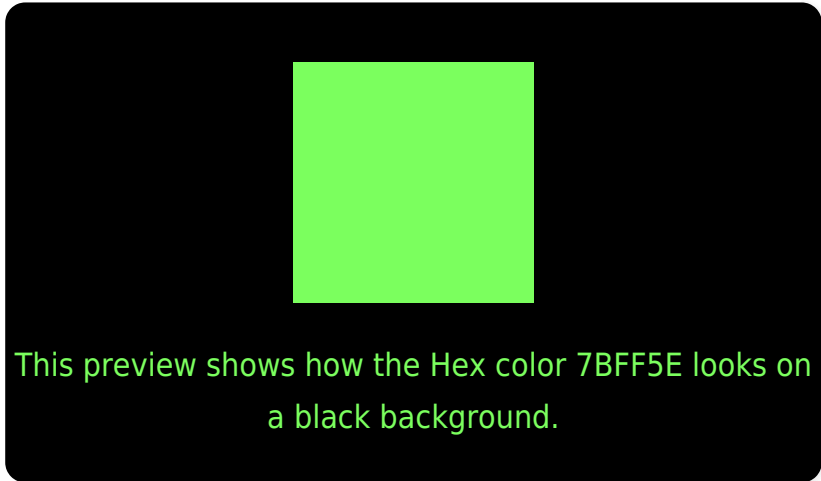
Large Text (above 18pt) WCAG AA × Fail

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

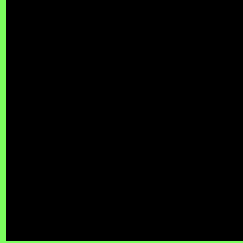
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

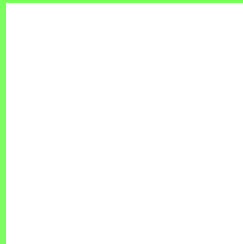
Any Text WCAG AAA ✓ Pass

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

Hex 7BFF5E Background



This preview shows how black text looks on a background with the Hex color 7BFF5E.

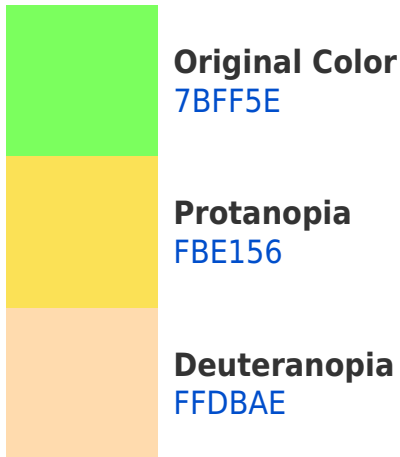


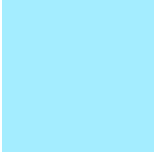
This preview shows how white text looks on a background with the Hex color 7BFF5E.

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](#).

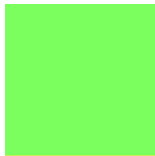
Dichromacy



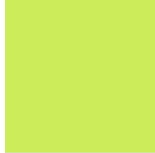


Tritanopia
A4EDFF

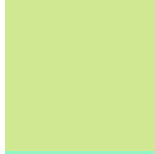
Trichromacy



Original Color
7BFF5E



Protanomaly
CCEC59



Deuteranomaly
CFE891

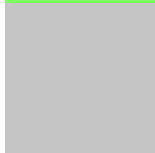


Tritanomaly
95F4C4

Monochromacy



Original Color
7BFF5E



Achromatopsia
C5C5C5



Achromatomaly
AADAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BFF5E 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 #7BFF5E looks like.

```
.text, #text, p{  
    color:#7BFF5E  
}
```

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 #7BFF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BFF5E
}
```

Border

The CSS property to change the border of an element to Hex 7BFF5E 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
#7BFF5E }
```

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

```
.border{ border-color:#7BFF5E }
```

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

Here you see how a box with a 4 pixel #7BFF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BFF5E; -webkit-box-shadow:4px 4px  
4px 4px #7BFF5E; box-shadow:4px 4px 4px  
4px #7BFF5E }
```

Background

The CSS property to change the background color of an element to Hex 7BFF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BFF5E }
```

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

```
.background{ background-color:#7BFF5E }
```

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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