

Converting Colors

Hex(7BF070)

Have a look what the booklet for
Hex(7BF070) contains.

Hex(7BF070)	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(7BF070)

Conversions

Conversions Part 1

Format	Color
Hex	7BF070
RGB	123, 240, 112
RGB Percent	48%, 94%, 44%
CMY	0.5176, 0.0588, 0.5608
CMYK	0.49, 0.00, 0.53, 0.06
HSL	115°, 81%, 69%
HSV	115°, 53%, 94%
XYZ	42.2531, 67.7010, 26.1699
YIQ	190.4250, -28.6440, -64.6120

Conversions

Conversions Part 2

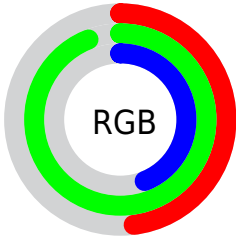
Format	Color
RYB	112, 240, 229
Decimal	8122480
CIELab	85.86, -57.44, 51.27
CIELCh	86, 76.987, 138.249
Yxy	67.7010, 0.3104, 0.4973
Android (android.graphics.Color)	4286312560 (0xFF7BF070)
YUV	190.4250, -38.6635, -59.1317
Hunter-Lab	82.2806, -52.3270, 38.7389

Details

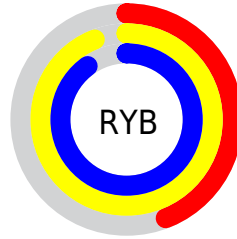
The Hex color **7BF070** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E570F0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFA6**, and **3CB73B** is the 20% darker color. If you saturate the color by 10%, you get **65F058**, and if you desaturate by 10%, it is **91F088**.

Distribution



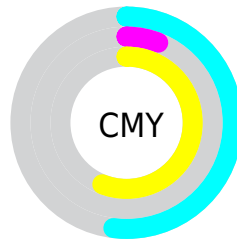
- Red (48%)
- Green (94%)
- Blue (44%)



- Red (44%)
- Yellow (94%)
- Blue (90%)



- Cyan (49%)
- Magenta (0%)
- Yellow (53%)
- Black (6%)



- Cyan (52%)
- Magenta (6%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BF070 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 7BF070 by changing the saturation by 10% instead.

 7BF070

 7BF070

FFFFFF

 5DD355

 B6FFA6

 3CB73B

 D4FFC2

 0E9B1F

 F2FFDF

 008100

 FFFFC

 006600

 004D00

 003600

 001D00

 000000

 7BF070

 7BF070

 65F058

 91F088

 4FF040

 A7F0A0

 39F028

 BDF0B8

 23F010

 D3F0D0

 15F000

 E9F0E8

 FFF0FF

Harmonies

Analogous

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



D2E13D



7BF070



00F8B7

Triad

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



7BF070



00E7FF



FF95AD

Complementary

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



7BF070



E570F0

Split Complementary

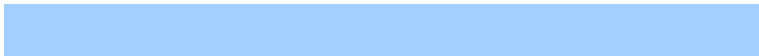
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF96F7



7BF070



A2CFFF

Square

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



7BF070



00F5FF



FFB0FF



FFAC6C

Rectangle

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



7BF070



00FAE9



FFB0FF



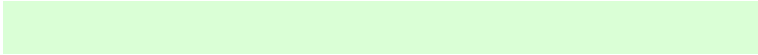
FF92C5

Sweetspot

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



7BF070



DAFFD6



F0E370



698067



000000



808080

Same Dimension

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



7BF070



6AFF5C



70F0A3



6D786C



10B800



053800

Inverse Universe

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



E570F0



F15CFF



F070BD



776C78



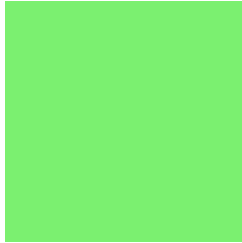
A800B8



330038

Previews

White Background



This preview shows how the Hex color 7BF070 looks on a white background.

Color Contrast Check

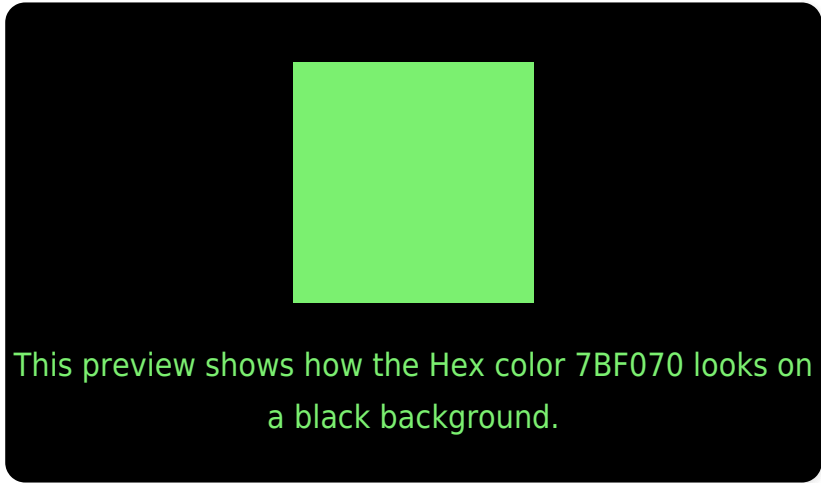
Large Text (above 18pt) WCAG AA × Fail

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

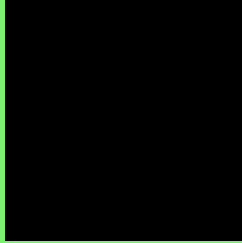
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

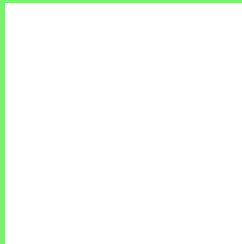
Any Text WCAG AAA ✓ Pass

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

Hex 7BF070 Background



This preview shows how black text looks on a background with the Hex color 7BF070.

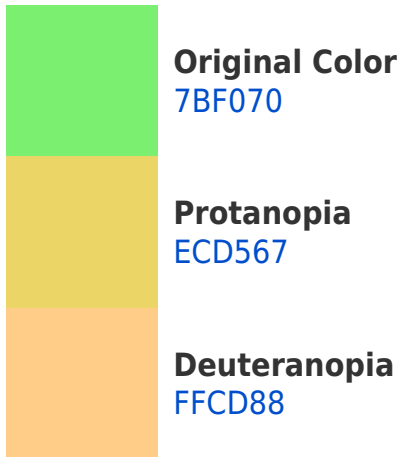


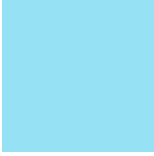
This preview shows how white text looks on a background with the Hex color 7BF070.

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
96E2F4

Trichromacy



Original Color
7BF070



Protanomaly
C3DF6A



Deuteranomaly
CFDA7F

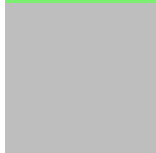


Tritanomaly
8CE7C4

Monochromacy



Original Color
7BF070



Achromatopsia
BEBEBE



Achromatomaly
A6D0A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BF070 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 #7BF070 looks like.

```
.text, #text, p{  
    color:#7BF070  
}
```

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 #7BF070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BF070
}
```

Border

The CSS property to change the border of an element to Hex 7BF070 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
#7BF070 }
```

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

```
.border{ border-color:#7BF070 }
```

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

Here you see how a box with a 4 pixel #7BF070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BF070; -webkit-box-shadow:4px 4px  
4px 4px #7BF070; box-shadow:4px 4px 4px  
4px #7BF070 }
```

Background

The CSS property to change the background color of an element to Hex 7BF070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BF070 }
```

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

```
.background{ background-color:#7BF070 }
```

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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