

Converting Colors

Hex(7FFA62)

Have a look what the booklet for
Hex(7FFA62) contains.

Hex(7FFA62)	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(7FFA62)

Conversions

Conversions Part 1

Format	Color
Hex	7FFA62
RGB	127, 250, 98
RGB Percent	50%, 98%, 38%
CMY	0.5020, 0.0196, 0.6157
CMYK	0.49, 0.00, 0.61, 0.02
HSL	109°, 94%, 68%
HSV	109°, 61%, 98%
XYZ	45.1426, 73.7651, 23.4141
YIQ	195.8950, -24.5160, -73.3480

Conversions

Conversions Part 2

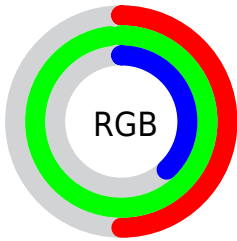
Format	Color
R_{YB}	98, 250, 221
Decimal	8387170
CIE _{Lab}	88.81, -61.66, 60.89
CIE _{LCh}	89, 86.659, 135.363
Yxy	73.7651, 0.3172, 0.5183
Android (android.graphics.Color)	4286577250 (0xFF7FFA62)
YUV	195.8950, -48.2622, -60.4209
Hunter-Lab	85.8866, -56.4807, 43.9572

Details

The Hex color **7FFA62** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DD62FA**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BBFF99**, and **3EC028** is the 20% darker color. If you saturate the color by 10%, you get **6BFA49**, and if you desaturate by 10%, it is **93FA7B**.

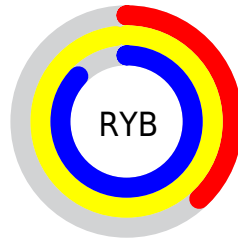
Distribution



Red (50%)

Green (98%)

Blue (38%)



Red (38%)

Yellow (98%)

Blue (87%)

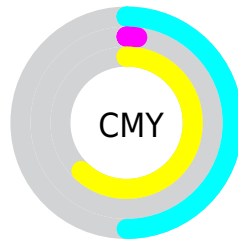


Cyan (49%)

Magenta (0%)

Yellow (61%)

Black (2%)



Cyan (50%)

Magenta (2%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FFA62 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 7FFA62 by changing the saturation by 10% instead.

 7FFA62

 7FFA62

FFFFFF

 60DD46

 BBFF99

 3EC028

 DAFFB6

 0BA500

 F8FFD2

 008900

 FFFFF0

 006F00

 005500

 003D00

 002500

 000000

 7FFA62

 7FFA62

 6BFA49

 93FA7B

 57FA30

 A7FA94

 42FA17

 BCFAAD

 30FA00

 D0FAC6

 E4FADF

 F8FAF8

 FFFAFF

Harmonies

Analogous

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



E0E820



7FFA62



00FFB2

Triad

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



7FFA62



00F4FF



FF8FB8

Complementary

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



7FFA62



DD62FA

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.



FF95FF



7FFA62



89DAFF

Square

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



7FFA62



00FFFF



FFB6FF



FFAA6C

Rectangle

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



7FFA62



00FFEC



FFB6FF



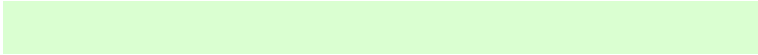
FF8DD4

Sweetspot

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



7FFA62



DAFFD1



FADC62



698063



000000



808080

Same Dimension

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



7FFA62



68FF45



62FA90



737D70



24BD00



0C3D00

Inverse Universe

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



DD62FA



DB45FF



FA62CC



7B707D



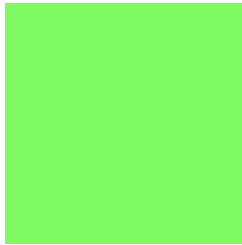
9900BD



32003D

Previews

White Background



This preview shows how the Hex color 7FFA62 looks on a white background.

Color Contrast Check

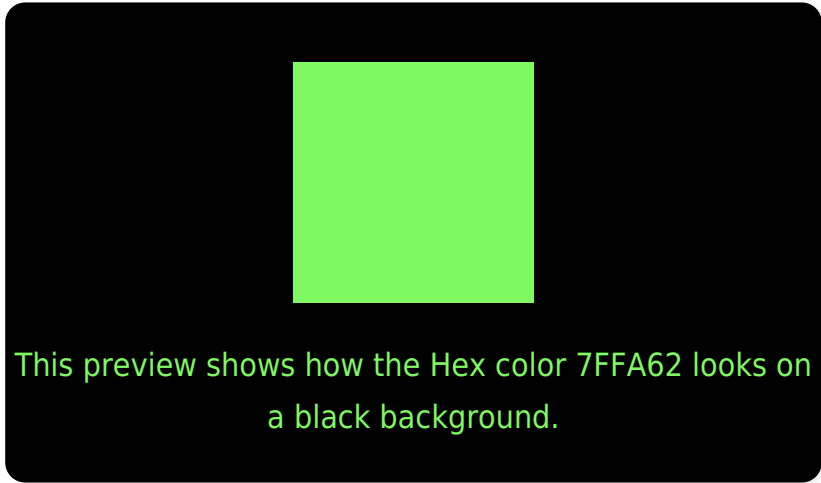
Large Text (above 18pt) WCAG AA × Fail

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

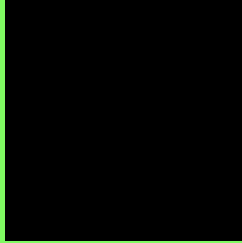
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

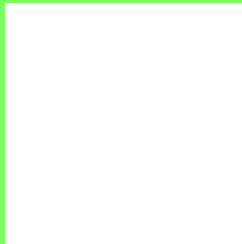
Any Text WCAG AAA ✓ Pass

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

Hex 7FFA62 Background



This preview shows how black text looks on a background with the Hex color 7FFA62.

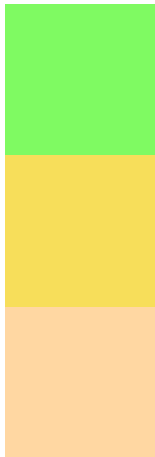


This preview shows how white text looks on a background with the Hex color 7FFA62.

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](#).

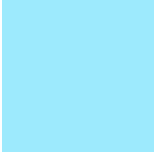
Dichromacy



Original Color
7FFA62

Protanopia
F7DE5A

Deuteranopia
FFD7A2

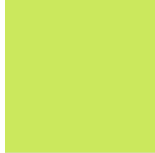


Tritanopia
9DEAFD

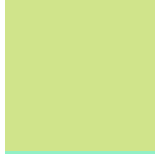
Trichromacy



Original Color
7FFA62



Protanomaly
CBE85D

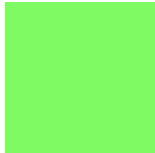


Deuteranomaly
D0E48B



Tritanomaly
92F0C5

Monochromacy



Original Color
7FFA62



Achromatopsia
C4C4C4



Achromatomaly
ABD8A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FFA62 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 #7FFA62 looks like.

```
.text, #text, p{  
    color:#7FFA62  
}
```

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 #7FFA62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFA62
}
```

Border

The CSS property to change the border of an element to Hex 7FFA62 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
#7FFA62 }
```

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

```
.border{ border-color:#7FFA62 }
```

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

Here you see how a box with a 4 pixel #7FFA62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFA62; -webkit-box-shadow:4px 4px  
4px 4px #7FFA62; box-shadow:4px 4px 4px  
4px #7FFA62 }
```

Background

The CSS property to change the background color of an element to Hex 7FFA62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFA62 }
```

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

```
.background{ background-color:#7FFA62 }
```

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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