

Converting Colors

Hex(8FB661)

Have a look what the booklet for
Hex(8FB661) contains.

Hex(8FB661)	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(8FB661)

Conversions

Conversions Part 1

Format	Color
Hex	8FB661
RGB	143, 182, 97
RGB Percent	56%, 71%, 38%
CMY	0.4392, 0.2863, 0.6196
CMYK	0.21, 0.00, 0.47, 0.29
HSL	88°, 37%, 55%
HSV	88°, 47%, 71%
XYZ	30.2133, 40.1586, 17.4682
YIQ	160.6490, 4.0410, -34.7030

Conversions

Conversions Part 2

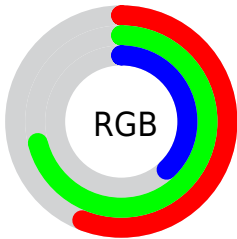
Format	Color
RYB	97, 182, 136
Decimal	9418337
CIELab	69.58, -27.65, 38.88
CIELCh	70, 47.712, 125.420
Yxy	40.1586, 0.3440, 0.4572
Android (android.graphics.Color)	4287608417 (0xFF8FB661)
YUV	160.6490, -31.3790, -15.4782
Hunter-Lab	63.3708, -25.7955, 28.0162

Details

The Hex color **8FB661** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8861B6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C6EE95**, and **5A812F** is the 20% darker color. If you saturate the color by 10%, you get **87B64F**, and if you desaturate by 10%, it is **97B673**.

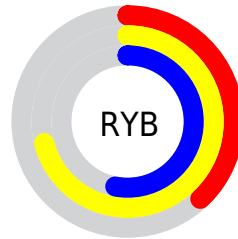
Distribution



Red (56%)

Green (71%)

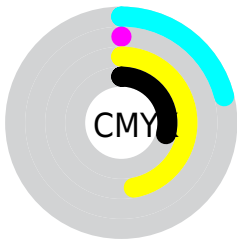
Blue (38%)



Red (38%)

Yellow (71%)

Blue (53%)

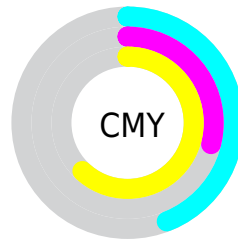


Cyan (21%)

Magenta (0%)

Yellow (47%)

Black (29%)



Cyan (44%)

Magenta (29%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FB661 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 8FB661 by changing the saturation by 10% instead.



8FB661



8FB661

FFFFFF



749B48



C6EE95



5A812F



E3FFB0



416816



FFFCC



284F00



FFFE9



0F3800



002300



000000



8FB661



8FB661



87B64F



97B673

 7EB63D

 A0B685

 76B62A

 A8B698

 6EB618

 B0B6AA

 65B606

 B9B6BC

 62B600

 C1B6CE

 C9B6E0

 D2B6F3

 DAB6FF

Harmonies

Analogous

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



BDAA51



8FB661



55BD84

Triad

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



8FB661



00B8F8



FB86A4

Complementary

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



8FB661



8861B6

Split Complementary

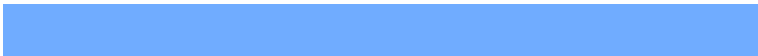
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E68CCF



8FB661



70ACFF

Square

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



8FB661



00BFDB



B89CF1



F88C7A

Rectangle

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



8FB661



00C0A2



B89CF1



F787B2

Sweetspot

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



8FB661



DEEDCC



B68761



6F7863



F7F7F7



787878

Same Dimension

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



8FB661



B0ED68



65B661



585C53



549C00



0F1C00

Inverse Universe

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



8861B6



A568ED



B261B6



57535C



47009C



0D001C

Previews

White Background



This preview shows how the Hex color 8FB661 looks on a white background.

Color Contrast Check

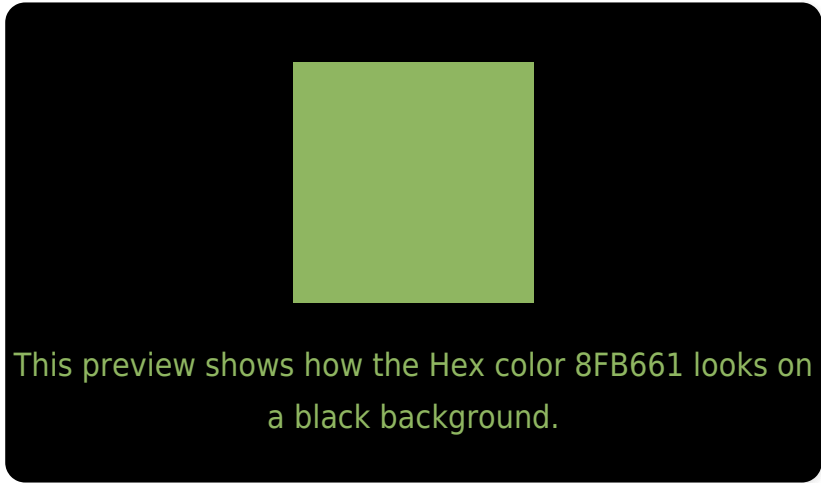
Large Text (above 18pt) WCAG AA × Fail

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 8FB661 Background



This preview shows how black text looks on a background with the Hex color 8FB661.

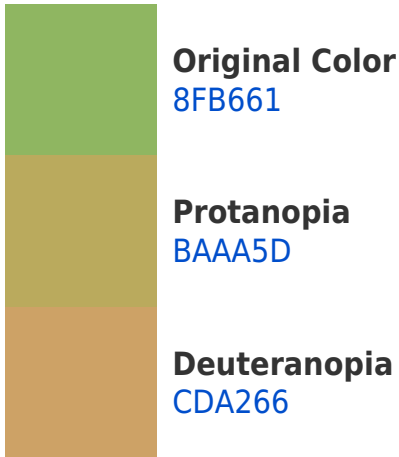


This preview shows how white text looks on a background with the Hex color 8FB661.

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



Trichromacy



Original Color
8FB661

Protanomaly
AAAE5E

Deuteranomaly
B6A964

Tritanomaly
97B09A

Monochromacy



Original Color
8FB661

Achromatopsia
A1A1A1

Achromatomaly
9AA98A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FB661 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 #8FB661 looks like.

```
.text, #text, p{  
    color:#8FB661  
}
```

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 #8FB661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FB661
}
```

Border

The CSS property to change the border of an element to Hex 8FB661 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
#8FB661 }
```

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

```
.border{ border-color:#8FB661 }
```

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

Here you see how a box with a 4 pixel #8FB661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FB661; -webkit-box-shadow:4px 4px  
4px 4px #8FB661; box-shadow:4px 4px 4px  
4px #8FB661 }
```

Background

The CSS property to change the background color of an element to Hex 8FB661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FB661 }
```

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

```
.background{ background-color:#8FB661 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor