

Converting Colors

Hex(84F65B)

Have a look what the booklet for
Hex(84F65B) contains.

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Color

Hex(84F65B)

Conversions

Conversions Part 1

Format	Color
Hex	84F65B
RGB	132, 246, 91
RGB Percent	52%, 96%, 36%
CMY	0.4824, 0.0353, 0.6431
CMYK	0.46, 0.00, 0.63, 0.04
HSL	104°, 90%, 66%
HSV	104°, 63%, 96%
XYZ	44.3598, 71.5724, 21.3744
YIQ	194.2440, -18.1890, -72.3730

Conversions

Conversions Part 2

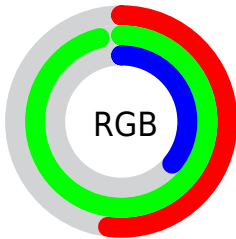
Format	Color
RYB	91, 246, 205
Decimal	8713819
CIELab	87.76, -59.41, 62.66
CIElCh	88, 86.351, 133.473
Yxy	71.5724, 0.3231, 0.5213
Android (android.graphics.Color)	4286903899 (0xFF84F65B)
YUV	194.2440, -50.8993, -54.5880
Hunter-Lab	84.6005, -54.4553, 44.2407

Details

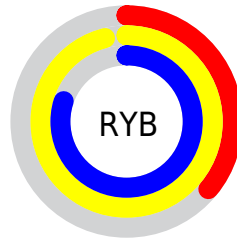
The Hex color **84F65B** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **CD5BF6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C0FF93**, and **46BD1F** is the 20% darker color. If you saturate the color by 10%, you get **72F642**, and if you desaturate by 10%, it is **96F674**.

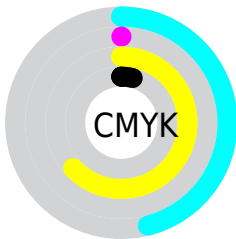
Distribution



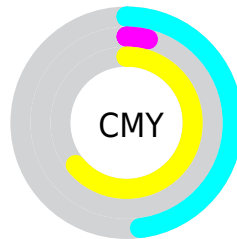
- Red (52%)
- Green (96%)
- Blue (36%)



- Red (36%)
- Yellow (96%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (48%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84F65B 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 84F65B by changing the saturation by 10% instead.

 84F65B

 84F65B

FFFFFF

 66D93F


 C0FF93

 46BD1F

 DEFFAF

 1DA100

 FCFFCB

 008600

 FFFF E9

 006C00

 005200

 003A00

 002200

 000000

 84F65B

 84F65B

 72F642

 96F674

 60F62A

 A8F68C

 4EF611

 BAF6A5

 41F600

 CCF6BD

 DEF6D6

 F1F6EF

 FFF6FF

Harmonies

Analogous

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



E2E41A



84F65B



00FFAA

Triad

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



84F65B



00F2FF



FF8CBA

Complementary

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



84F65B



CD5BF6

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.



FF93FF



84F65B



76D9FF

Square

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



84F65B



00FFFF



FFB5FF



FFA56E

Rectangle

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



84F65B



00FFE4



FFB5FF



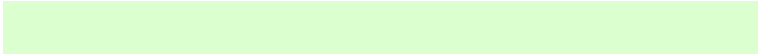
FF8AD6

Sweetspot

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



84F65B



DBFFCF



F6CD5B



6A8062



000000



808080

Same Dimension

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



84F65B



70FF3D



5BF67F



717A6E



31BA00



103B00

Inverse Universe

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



CD5BF6



CC3DFF



F65BD2



776E7A



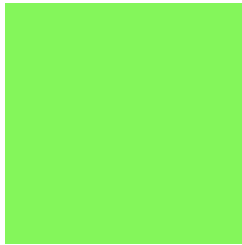
8900BA



2B003B

Previews

White Background



This preview shows how the Hex color 84F65B looks on a white background.

Color Contrast Check

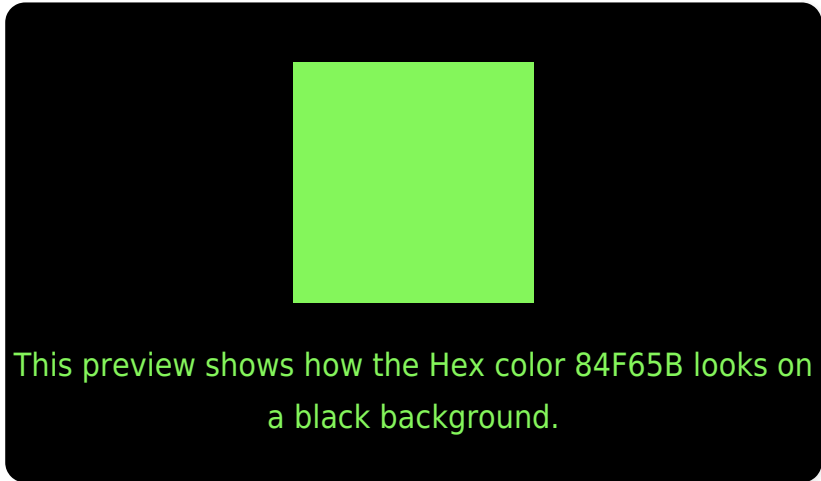
Large Text (above 18pt) WCAG AA × Fail

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

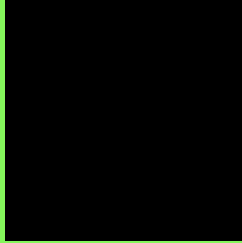
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

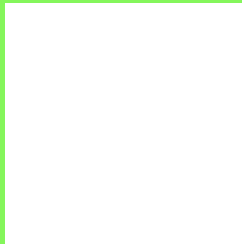
Any Text WCAG AAA ✓ Pass

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

Hex 84F65B Background



This preview shows how black text looks on a background with the Hex color 84F65B.

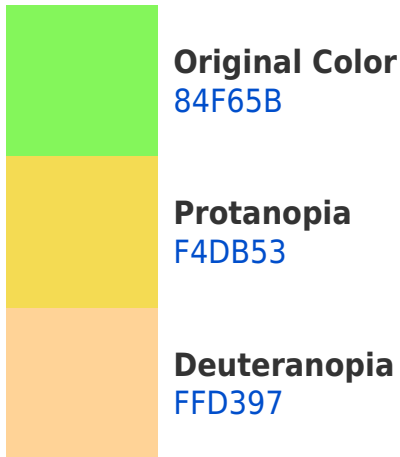


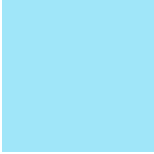
This preview shows how white text looks on a background with the Hex color 84F65B.

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](#).

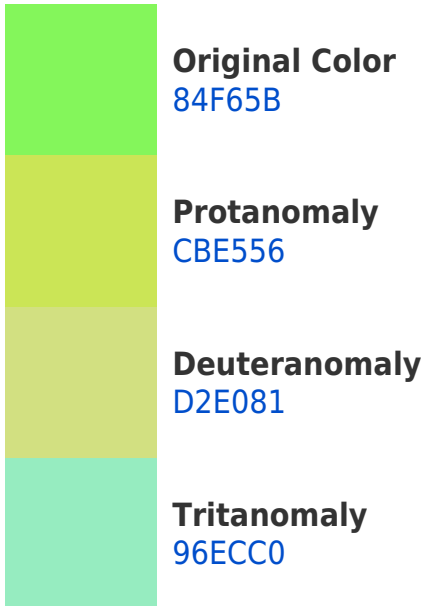
Dichromacy



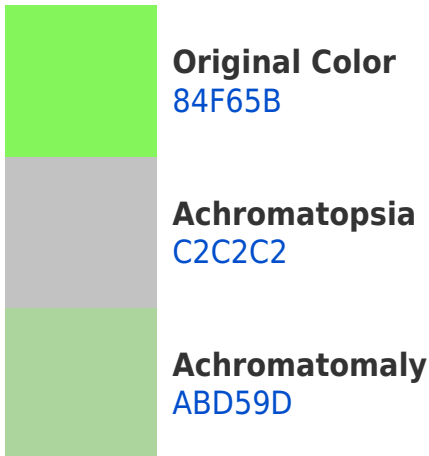


Tritanopia
A0E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84F65B 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 #84F65B looks like.

```
.text, #text, p{  
    color:#84F65B  
}
```

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 #84F65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F65B
}
```

Border

The CSS property to change the border of an element to Hex 84F65B 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
#84F65B }
```

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

```
.border{ border-color:#84F65B }
```

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

Here you see how a box with a 4 pixel #84F65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F65B; -webkit-box-shadow:4px 4px  
4px 4px #84F65B; box-shadow:4px 4px 4px  
4px #84F65B }
```

Background

The CSS property to change the background color of an element to Hex 84F65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F65B }
```

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

```
.background{ background-color:#84F65B }
```

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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