

Converting Colors

Hex(83B25F)

Have a look what the booklet for
Hex(83B25F) contains.

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Color

Hex(83B25F)

Conversions

Conversions Part 1

Format	Color
Hex	83B25F
RGB	131, 178, 95
RGB Percent	51%, 70%, 37%
CMY	0.4863, 0.3020, 0.6275
CMYK	0.26, 0.00, 0.47, 0.30
HSL	94°, 35%, 54%
HSV	94°, 47%, 70%
XYZ	27.3460, 37.4923, 16.6219
YIQ	154.4850, -1.3690, -35.7770

Conversions

Conversions Part 2

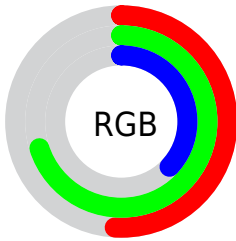
Format	Color
RYB	95, 178, 142
Decimal	8630879
CIELab	67.64, -30.46, 37.33
CIELCh	68, 48.174, 129.213
Yxy	37.4923, 0.3357, 0.4603
Android (android.graphics.Color)	4286820959 (0xFF83B25F)
YUV	154.4850, -29.3261, -20.5963
Hunter-Lab	61.2310, -27.4353, 26.7666

Details

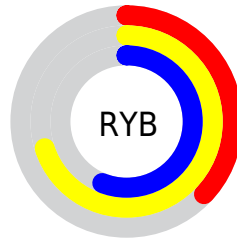
The Hex color **83B25F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8E5FB2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BAEA93**, and **4F7D2E** is the 20% darker color. If you saturate the color by 10%, you get **79B24D**, and if you desaturate by 10%, it is **8DB271**.

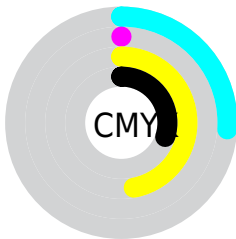
Distribution



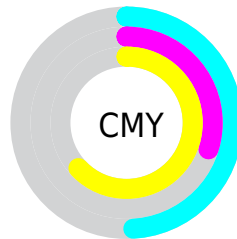
- Red (51%)
- Green (70%)
- Blue (37%)



- Red (37%)
- Yellow (70%)
- Blue (56%)



- Cyan (26%)
- Magenta (0%)
- Yellow (47%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B25F 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 83B25F by changing the saturation by 10% instead.



83B25F



83B25F

FFFFFF



699746



BAEA93



4F7D2E



D6FFAE



356415



F3FFCA



1B4C00



FFFFE6



003400



002100



000000



83B25F



83B25F



79B24D



8DB271

 6FB23B

 97B283

 65B22A

 A1B294

 5BB218

 ABB2A6

 51B206

 B5B2B8

 4DB200

 BFB2CA

 CAB2DC

 D4B2ED

 DEB2FF

Harmonies

Analogous

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



B2A74C



83B25F



44B984

Triad

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



83B25F



00B2F5



F68099

Complementary

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



83B25F



8E5FB2

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.



E585C5



83B25F



74A5FA

Square

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



83B25F



00B9DA



BA94E8



F18870

Rectangle

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



83B25F



00BBA2



BA94E8



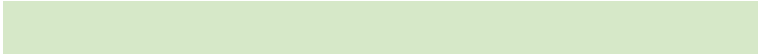
F380A8

Sweetspot

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



83B25F



D6E8C8



B28D5F



6A7561



F5F5F5



757575

Same Dimension

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



83B25F



9EE866



5FB263



545950



429900



0B1A00

Inverse Universe

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



8E5FB2



B066E8



B25FAE



555059



570099



0E001A

Previews

White Background



This preview shows how the Hex color 83B25F looks on a white background.

Color Contrast Check

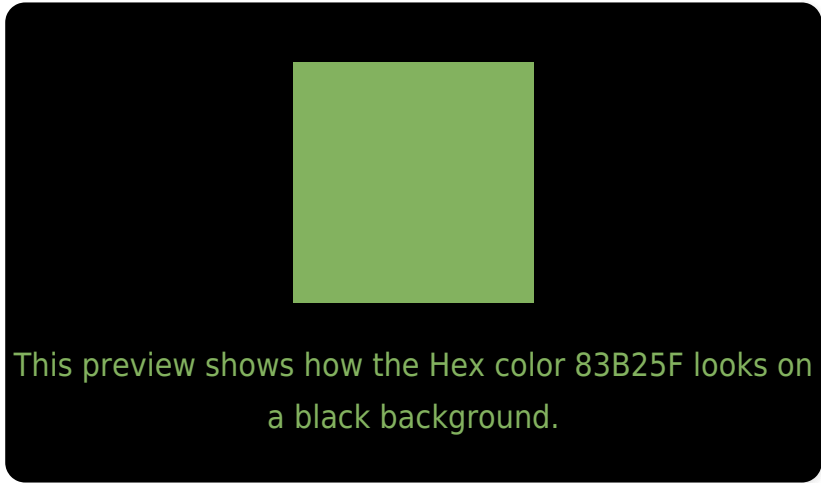
Large Text (above 18pt) WCAG AA × Fail

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 83B25F Background



This preview shows how black text looks on a background with the Hex color 83B25F.

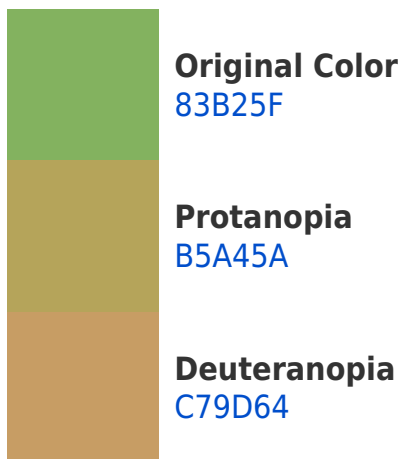


This preview shows how white text looks on a background with the Hex color 83B25F.

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](#).

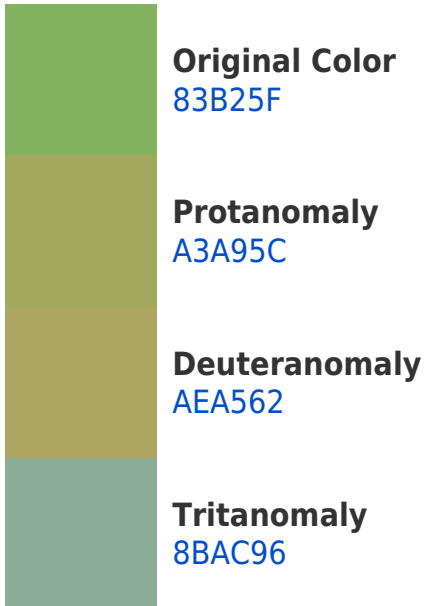
Dichromacy



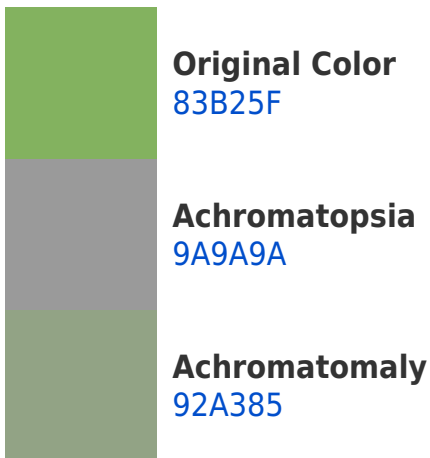


Tritanopia
90A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B25F 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 #83B25F looks like.

```
.text, #text, p{  
    color:#83B25F  
}
```

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 #83B25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B25F
}
```

Border

The CSS property to change the border of an element to Hex 83B25F 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
#83B25F }
```

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

```
.border{ border-color:#83B25F }
```

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

Here you see how a box with a 4 pixel #83B25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B25F; -webkit-box-shadow:4px 4px  
4px 4px #83B25F; box-shadow:4px 4px 4px  
4px #83B25F }
```

Background

The CSS property to change the background color of an element to Hex 83B25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B25F }
```

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

```
.background{ background-color:#83B25F }
```

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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