

Converting Colors

Hex(83F361)

Have a look what the booklet for
Hex(83F361) contains.

Hex(83F361)	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(83F361)

Conversions

Conversions Part 1

Format	Color
Hex	83F361
RGB	131, 243, 97
RGB Percent	51%, 95%, 38%
CMY	0.4863, 0.0471, 0.6196
CMYK	0.46, 0.00, 0.60, 0.05
HSL	106°, 86%, 67%
HSV	106°, 60%, 95%
XYZ	43.5683, 69.7895, 22.4837
YIQ	192.8680, -19.8860, -69.1500

Conversions

Conversions Part 2

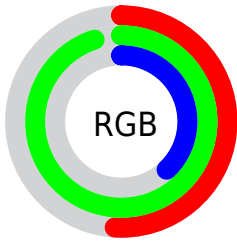
Format	Color
RYB	97, 243, 209
Decimal	8647521
CIELab	86.89, -57.99, 59.19
CIELCh	87, 82.860, 134.412
Yxy	69.7895, 0.3207, 0.5138
Android (android.graphics.Color)	4286837601 (0xFF83F361)
YUV	192.8680, -47.2629, -54.2582
Hunter-Lab	83.5401, -53.1029, 42.5210

Details

The Hex color **83F361** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D161F3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BEFF98**, and **45BA28** is the 20% darker color. If you saturate the color by 10%, you get **70F349**, and if you desaturate by 10%, it is **96F379**.

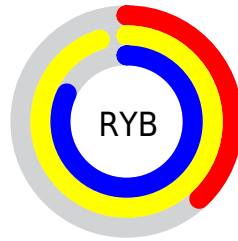
Distribution



Red (51%)

Green (95%)

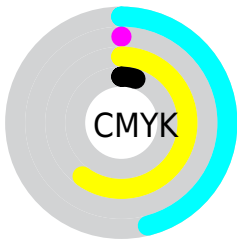
Blue (38%)



Red (38%)

Yellow (95%)

Blue (82%)

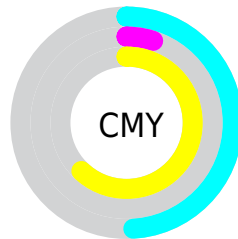


Cyan (46%)

Magenta (0%)

Yellow (60%)

Black (5%)



Cyan (49%)

Magenta (5%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83F361 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 83F361 by changing the saturation by 10% instead.

 83F361

 83F361

FFFFFF

 65D645

 BEFF98

 45BA28

 DCFFB4

 1E9E00

 FBFFD1

 008300

 FFFFEE


 006900

 005000

 003800

 002000

 000000

 83F361

 83F361

 70F349

 96F379

 5EF330

 A8F392

 4BF318

 BBF3AA

 39F300

 CEF3C2

 E0F3DA

 F3F3F3

 FFF3FF

Harmonies

Analogous

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



DEE228



83F361



00FCAC

Triad

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



83F361



00EEFF



FF8EB7

Complementary

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



83F361



D161F3

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.



FF94FF



83F361



84D6FF

Square

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



83F361



00FBFF



FFB4FF



FFA66E

Rectangle

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



83F361



00FFE3



FFB4FF



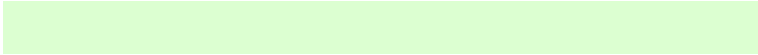
FF8DD1

Sweetspot

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



83F361



DCFFD1



F3D161



6A8063



000000



808080

Same Dimension

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



83F361



72FF47



61F388



717A6E



2BBA00



0E3B00

Inverse Universe

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



D161F3



D447FF



F361CC



786E7A



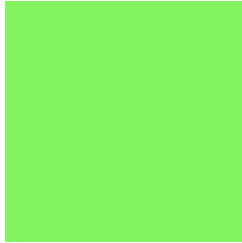
8F00BA



2D003B

Previews

White Background



This preview shows how the Hex color 83F361 looks on a white background.

Color Contrast Check

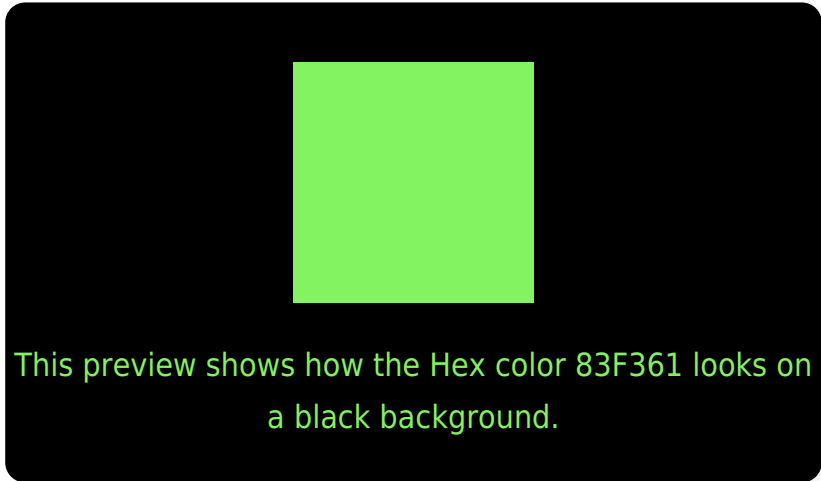
Large Text (above 18pt) WCAG AA × Fail

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

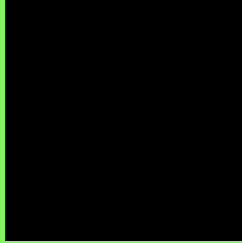
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

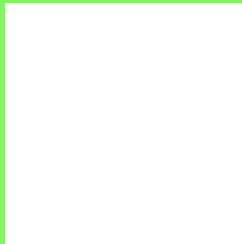
Any Text WCAG AAA ✓ Pass

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

Hex 83F361 Background



This preview shows how black text looks on a background with the Hex color 83F361.

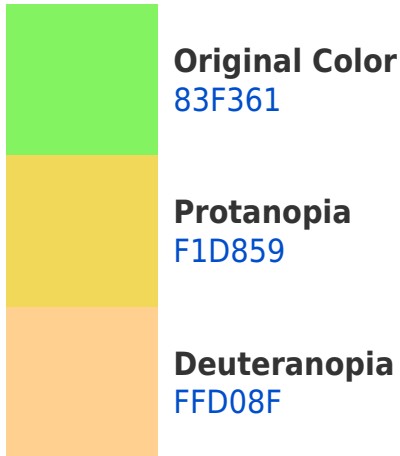


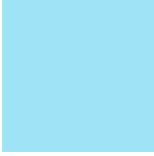
This preview shows how white text looks on a background with the Hex color 83F361.

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



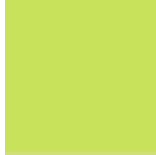


Tritanopia
9EE4F6

Trichromacy



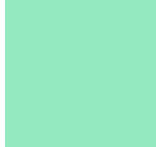
Original Color
83F361



Protanomaly
C9E25C



Deuteranomaly
D2DD7E

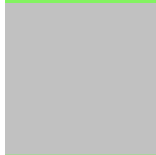


Tritanomaly
94E9C0

Monochromacy



Original Color
83F361



Achromatopsia
C1C1C1



Achromatomaly
AAD39E

CSS Examples

Text

The CSS property to change the color of the text to Hex 83F361 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 #83F361 looks like.

```
.text, #text, p{  
    color:#83F361  
}
```

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 #83F361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F361
}
```

Border

The CSS property to change the border of an element to Hex 83F361 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
#83F361 }
```

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

```
.border{ border-color:#83F361 }
```

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

Here you see how a box with a 4 pixel #83F361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F361; -webkit-box-shadow:4px 4px  
4px 4px #83F361; box-shadow:4px 4px 4px  
4px #83F361 }
```

Background

The CSS property to change the background color of an element to Hex 83F361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F361 }
```

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

```
.background{ background-color:#83F361 }
```

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