

Converting Colors

Hex(96C83F)

Have a look what the booklet for
Hex(96C83F) contains.

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Color

Hex(96C83F)

Conversions

Conversions Part 1

Format	Color
Hex	96C83F
RGB	150, 200, 63
RGB Percent	59%, 78%, 25%
CMY	0.4118, 0.2157, 0.7529
CMYK	0.25, 0.00, 0.68, 0.22
HSL	82°, 55%, 52%
HSV	82°, 68%, 78%
XYZ	34.1292, 48.1515, 12.1980
YIQ	169.4320, 14.1770, -53.2070

Conversions

Conversions Part 2

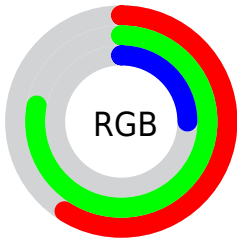
Format	Color
RYB	63, 200, 113
Decimal	9881663
CIELab	74.92, -36.51, 60.35
CIELCh	75, 70.532, 121.177
Yxy	48.1515, 0.3612, 0.5097
Android (android.graphics.Color)	4288071743 (0xFF96C83F)
YUV	169.4320, -52.4710, -17.0419
Hunter-Lab	69.3913, -33.6419, 38.1515

Details

The Hex color **96C83F** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **713FC8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CFFF76**, and **5E9200** is the 20% darker color. If you saturate the color by 10%, you get **8FC82B**, and if you desaturate by 10%, it is **9DC853**.

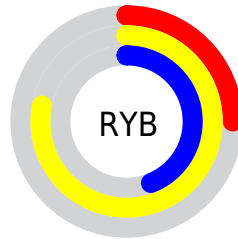
Distribution



Red (59%)

Green (78%)

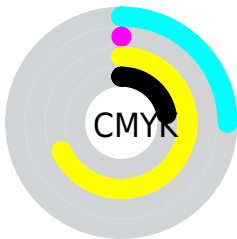
Blue (25%)



Red (25%)

Yellow (78%)

Blue (44%)

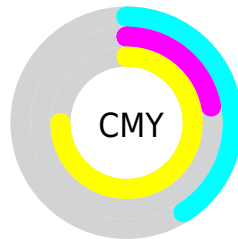


Cyan (25%)

Magenta (0%)

Yellow (68%)

Black (22%)



Cyan (41%)

Magenta (22%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C83F 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 96C83F by changing the saturation by 10% instead.



96C83F



96C83F

FFFFFF



7AAD21



CFFF76



5E9200



EDFF91



437800



FFFFAD



285F00



FFFFCA



004700



FFFFE7



002F00



001A00



000000



96C83F



96C83F

 8FC82B

 9DC853

 87C817

 A5C867

 80C803

 ACC87B

 7FC800

 B3C88F

 BAC8A3

 C2C8B7

 C9C8CB

 D0C8DF

 D8C8F3

Harmonies

Analogous

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



D7B626



96C83F



27D377

Triad

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



96C83F



00CFFF



FF7AB9

Complementary

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



96C83F



713FC8

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.



FF8AF8



96C83F



00BFFF

Square

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



96C83F



00D6FA



BCA6FF



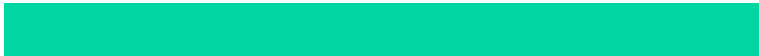
FF8479

Rectangle

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



96C83F



00D6A2



BCA6FF



FF7DCE

Sweetspot

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



96C83F



EBFFC9



C86F3F



748060



000000



808080

Same Dimension

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



96C83F



B3FF2E



54C83F



60635A



68A300



172400

Inverse Universe

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



713FC8



7A2EFF



B33FC8



5D5A63



3C00A3



0D0024

Previews

White Background



This preview shows how the Hex color 96C83F looks on a white background.

Color Contrast Check

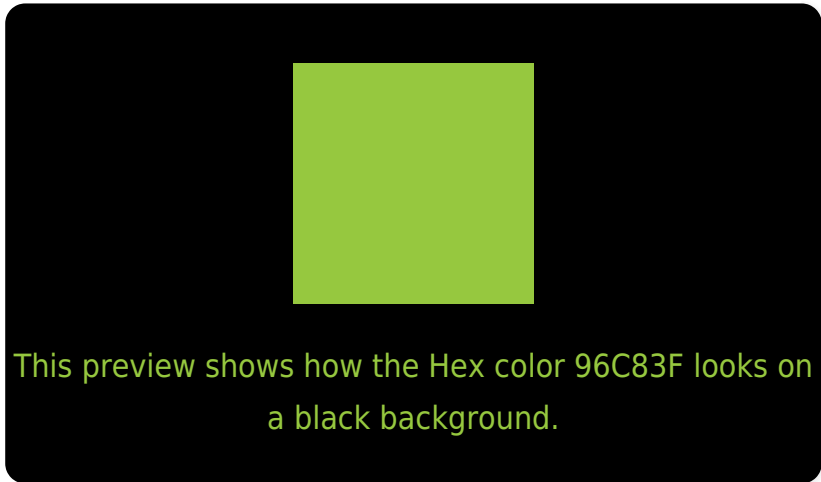
Large Text (above 18pt) WCAG AA × Fail

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 96C83F Background



This preview shows how black text looks on a background with the Hex color 96C83F.



This preview shows how white text looks on a background with the Hex color 96C83F.

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

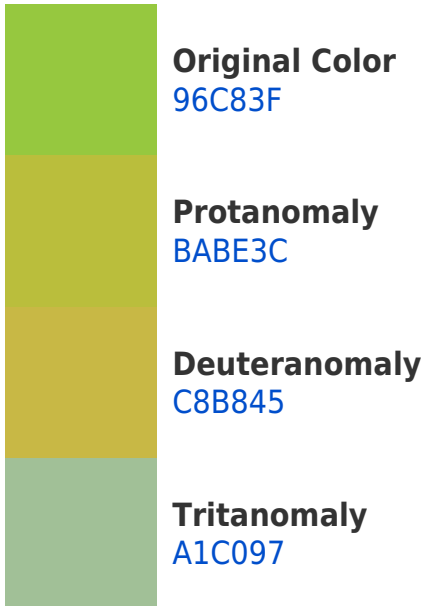


Original Color
96C83F

Protanopia
CEB83B

Deuteranopia
E5AF48

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C83F 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 #96C83F looks like.

```
.text, #text, p{  
    color:#96C83F  
}
```

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 #96C83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C83F
}
```

Border

The CSS property to change the border of an element to Hex 96C83F 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
#96C83F }
```

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

```
.border{ border-color:#96C83F }
```

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

Here you see how a box with a 4 pixel #96C83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C83F; -webkit-box-shadow:4px 4px  
4px 4px #96C83F; box-shadow:4px 4px 4px  
4px #96C83F }
```

Background

The CSS property to change the background color of an element to Hex 96C83F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C83F }
```

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

```
.background{ background-color:#96C83F }
```

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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