

Converting Colors

Hex(96BF4F)

Have a look what the booklet for
Hex(96BF4F) contains.

Hex(96BF4F)	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(96BF4F)

Conversions

Conversions Part 1

Format	Color
Hex	96BF4F
RGB	150, 191, 79
RGB Percent	59%, 75%, 31%
CMY	0.4118, 0.2510, 0.6902
CMYK	0.21, 0.00, 0.59, 0.25
HSL	82°, 47%, 53%
HSV	82°, 59%, 75%
XYZ	32.6198, 44.3101, 14.2306
YIQ	165.9730, 11.5160, -43.5240

Conversions

Conversions Part 2

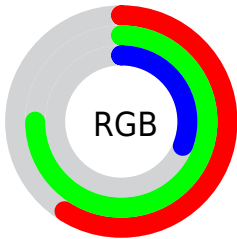
Format	Color
RYB	79, 191, 120
Decimal	9879375
CIELab	72.44, -31.12, 50.98
CIELCh	72, 59.726, 121.402
Yxy	44.3101, 0.3578, 0.4861
Android (android.graphics.Color)	4288069455 (0xFF96BF4F)
YUV	165.9730, -42.8777, -14.0083
Hunter-Lab	66.5659, -29.0186, 33.9210

Details

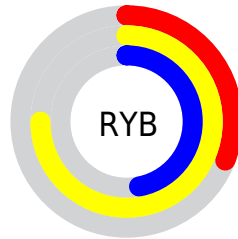
The Hex color **96BF4F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **784FBF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CEF884**, and **608918** is the 20% darker color. If you saturate the color by 10%, you get **8FBF3C**, and if you desaturate by 10%, it is **9DBF62**.

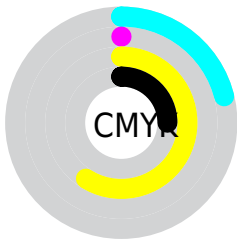
Distribution



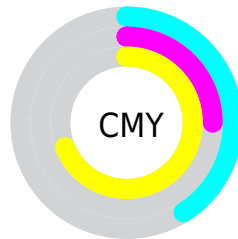
- Red (59%)
- Green (75%)
- Blue (31%)



- Red (31%)
- Yellow (75%)
- Blue (47%)



- Cyan (21%)
- Magenta (0%)
- Yellow (59%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96BF4F 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 96BF4F by changing the saturation by 10% instead.



96BF4F



96BF4F

FFFFFF



7BA435



CEF884



608918



EBFF9F



457000



FFFFBB



2B5700



FFFFD7



0D3F00



FFFFF4



002900



001000



000000



96BF4F



96BF4F

 8FBF3C

 9DBF62

 88BF29

 A4BF75

 81BF16

 ABBF88

 7ABF03

 B2BF9B

 79BF00

 B9BFAF

 C0BFC2

 C7BFD5

 CEBFE8

 D5BFFB

Harmonies

Analogous

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



CDB03E



96BF4F



48C87B

Triad

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



96BF4F



00C5FF



FF81B1

Complementary

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



96BF4F



784FBF

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.



F68CE7



96BF4F



40B7FF

Square

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



96BF4F



00CCE9



B7A2FF



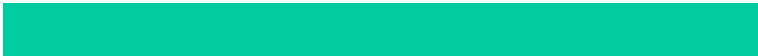
FF887C

Rectangle

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



96BF4F



00CCA0



B7A2FF



FF83C4

Sweetspot

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



96BF4F



E7F7CB



BF764F



737D61



FCFCFC



7D7D7D

Same Dimension

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



96BF4F



B8F74A



60BF4F



5B5E55



649E00



131F00

Inverse Universe

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



784FBF



8A4AF7



AE4FBF



58555E



3A009E



0B001F

Previews

White Background



This preview shows how the Hex color 96BF4F looks on a white background.

Color Contrast Check

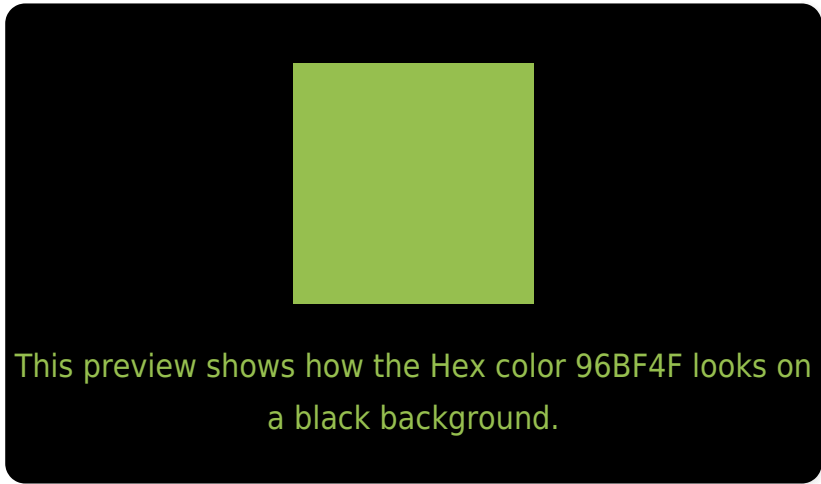
Large Text (above 18pt) WCAG AA × Fail

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 96BF4F Background



This preview shows how black text looks on a background with the Hex color 96BF4F.

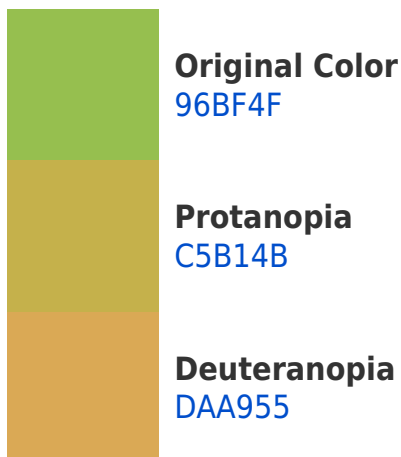


This preview shows how white text looks on a background with the Hex color 96BF4F.

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](#).

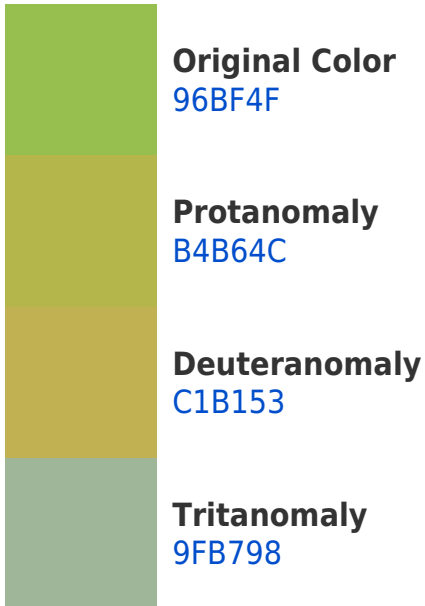
Dichromacy



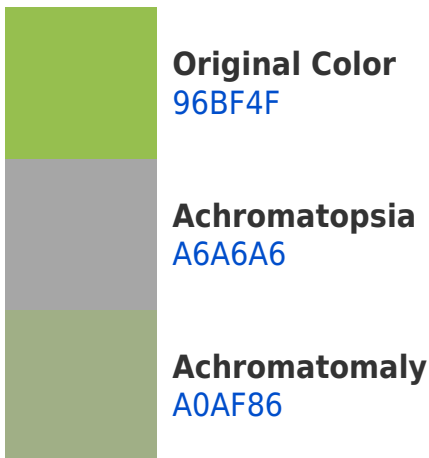


Tritanopia
A4B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96BF4F 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 #96BF4F looks like.

```
.text, #text, p{  
    color:#96BF4F  
}
```

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 #96BF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BF4F
}
```

Border

The CSS property to change the border of an element to Hex 96BF4F 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
#96BF4F }
```

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

```
.border{ border-color:#96BF4F }
```

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

Here you see how a box with a 4 pixel #96BF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BF4F; -webkit-box-shadow:4px 4px  
4px 4px #96BF4F; box-shadow:4px 4px 4px  
4px #96BF4F }
```

Background

The CSS property to change the background color of an element to Hex 96BF4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BF4F }
```

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

```
.background{ background-color:#96BF4F }
```

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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