

# Converting Colors

Hex(97BE41)

Have a look what the booklet for  
Hex(97BE41) contains.

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**Color**

**Hex(97BE41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97BE41
RGB	151, 190, 65
RGB Percent	59%, 75%, 25%
CMY	0.4078, 0.2549, 0.7451
CMYK	0.21, 0.00, 0.66, 0.25
HSL	79°, 49%, 50%
HSV	79°, 66%, 75%
XYZ	32.1301, 43.7879, 11.7595
YIQ	164.0890, 16.8810, -47.1430

# Conversions

## Conversions Part 2

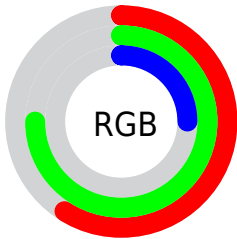
Format	Color
<a href="#">RYB</a>	<a href="#">65, 190, 104</a>
Decimal	<a href="#">9944641</a>
CIELab	<a href="#">72.09, -31.38, 56.63</a>
CIELCh	<a href="#">72, 64.741, 118.990</a>
Yxy	<a href="#">43.7879, 0.3665, 0.4994</a>
Android (android.graphics.Color)	<a href="#">4288134721 (0xFF97BE41)</a>
YUV	<a href="#">164.0890, -48.8509, -11.4791</a>
Hunter-Lab	<a href="#">66.1724, -29.1308, 35.7843</a>

# Details

The Hex color **97BE41** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6841BE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D0F677**, and **608800** is the 20% darker color. If you saturate the color by 10%, you get **91BE2E**, and if you desaturate by 10%, it is **9DBE54**.

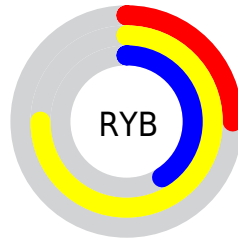
# Distribution



Red (59%)

Green (75%)

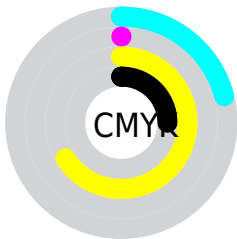
Blue (25%)



Red (25%)

Yellow (75%)

Blue (41%)

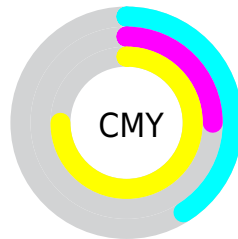


Cyan (21%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (41%)

Magenta (25%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97BE41 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 97BE41 by changing the saturation by 10% instead.





97BE41



97BE41

FFFFFF



7BA325



D0F677



608800



EDFF92



456F00



FFFFAE



2B5600



FFFFCA



0B3F00



FFFFE7



002900



000E00



000000



97BE41



97BE41

 91BE2E

 9DBE54

 8BBE1B

 A3BE67

 85BE08

 A9BE7A

 83BE00

 AFBE8D

 B5BEA0

 BBBEB3

 C0BEC6

 C6BED9

 CCBEEC

# Harmonies

## Analogous

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



D2AD30



97BE41



41C871

# Triad

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



97BE41



00C6FF



FF7AB5

# Complementary

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



97BE41



6841BE

# 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.



F789EF



97BE41



00B8FF

# Square

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



97BE41



00CDE8



AEA2FF



FF817B

# Rectangle

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



97BE41



00CC98



AEA2FF



FF7DC9



# Sweetspot

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



97BE41



E8F7C6



BE6741



747D5F



FCFCFC



7D7D7D



# Same Dimension

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



97BE41



BAF734



5ABE41



5B5E55



6D9E00



151F00



# Inverse Universe

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



6841BE



7134F7



A541BE



58555E



31009E



0A001F



# Previews

## White Background



This preview shows how the Hex color 97BE41 looks on a white background.

## Color Contrast Check

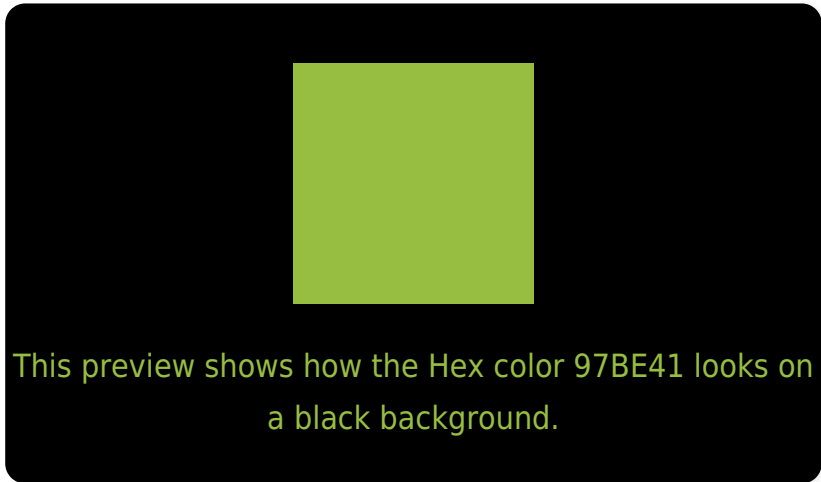
Large Text (above 18pt) WCAG AA × Fail

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 97BE41 Background



This preview shows how black text looks on a background with the Hex color 97BE41.

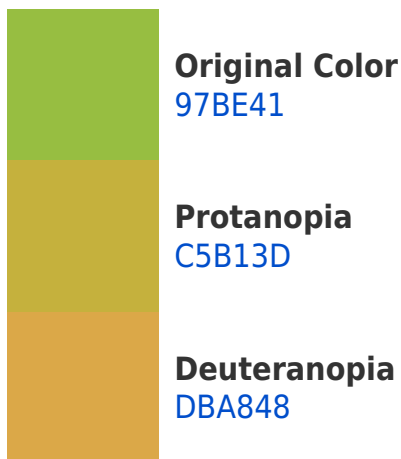


This preview shows how white text looks on a background with the Hex color 97BE41.

# 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](#).

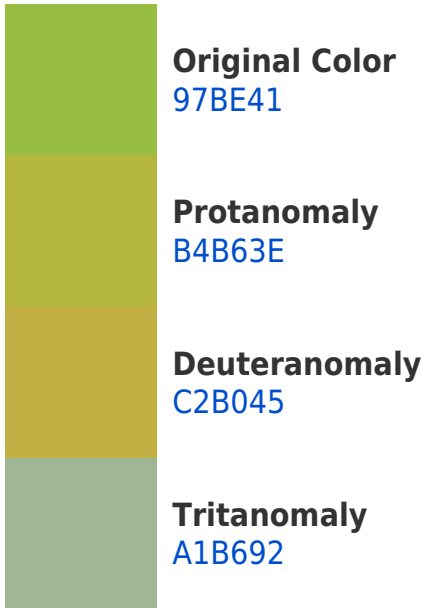
## Dichromacy



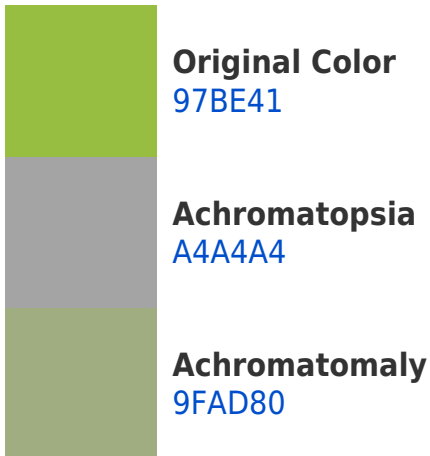


**Tritanopia**  
A6B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97BE41 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 #97BE41 looks like.

```
.text, #text, p{  
    color:#97BE41  
}
```

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 #97BE41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97BE41
}
```

## Border

The CSS property to change the border of an element to Hex 97BE41 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
#97BE41 }
```

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

```
.border{ border-color:#97BE41 }
```

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

Here you see how a box with a 4 pixel #97BE41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97BE41; -webkit-box-shadow:4px 4px  
4px 4px #97BE41; box-shadow:4px 4px 4px  
4px #97BE41 }
```

# Background

The CSS property to change the background color of an element to Hex 97BE41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97BE41 }
```

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

```
.background{ background-color:#97BE41 }
```

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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