

# Converting Colors

Hex(98BE56)

Have a look what the booklet for  
Hex(98BE56) contains.

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**Color**

**Hex(98BE56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98BE56
RGB	152, 190, 86
RGB Percent	60%, 75%, 34%
CMY	0.4039, 0.2549, 0.6627
CMYK	0.20, 0.00, 0.55, 0.25
HSL	82°, 44%, 54%
HSV	82°, 55%, 75%
XYZ	33.0421, 44.1742, 15.5891
YIQ	166.7820, 10.7360, -40.4000

# Conversions

## Conversions Part 2

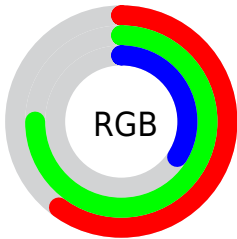
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 190, 124
Decimal	10010198
CIE <sub>Lab</sub>	72.34, -29.23, 47.69
CIE <sub>LCh</sub>	72, 55.933, 121.501
Yxy	44.1742, 0.3560, 0.4760
Android (android.graphics.Color)	4288200278 (0xFF98BE56)
YUV	166.7820, -39.8255, -12.9638
Hunter-Lab	66.4637, -27.5711, 32.6181

# Details

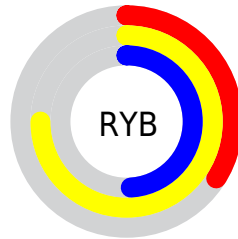
The Hex color **98BE56** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7C56BE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D0F68B**, and **628822** is the 20% darker color. If you saturate the color by 10%, you get **91BE43**, and if you desaturate by 10%, it is **9FBE69**.

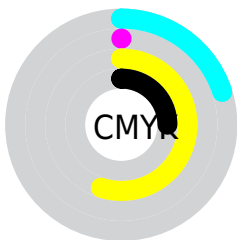
# Distribution



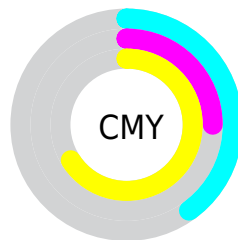
- Red (60%)
- Green (75%)
- Blue (34%)



- Red (34%)
- Yellow (75%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (55%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98BE56 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 98BE56 by changing the saturation by 10% instead.



 98BE56

 98BE56

FFFFFF

 7DA33C

 D0F68B

 628822

 EDFFA6

 486F00

 FFFFC2

 2E5600

 FFFFDE

 133F00

 FFFFFB

 002900

 000F00

 000000

 98BE56

 98BE56

 91BE43

 9FBE69

 8ABE30

 A6BE7C

 83BE1D

 ADBE8F

 7CBE0A

 B4BEA2

 79BE00

 BBBEB5

 C2BEC8

 C9BEDB

 D0BEEE

 D6BEFF

# Harmonies

## Analogous

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



CCB046



98BE56



52C77F

# Triad

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



98BE56



00C3FF



FF85B1

# Complementary

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



98BE56



7C56BE

# 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.



F28FE3



98BE56



52B6FF

# Square

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



98BE56



00CAE5



B8A3FF



FF8B7F

# Rectangle

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



98BE56



00CAA1



B8A3FF



FF87C2

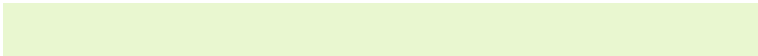


# Sweetspot

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



98BE56



E9F7D0



BE7A56



747D65



FCFCFC



7D7D7D



# Same Dimension

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



98BE56



BCF754



66BE56



5B5E55



649E00



131F00



# Inverse Universe

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



7C56BE



9054F7



AE56BE



58555E



3A009E



0B001F



# Previews

## White Background



This preview shows how the Hex color 98BE56 looks on a white background.

## Color Contrast Check

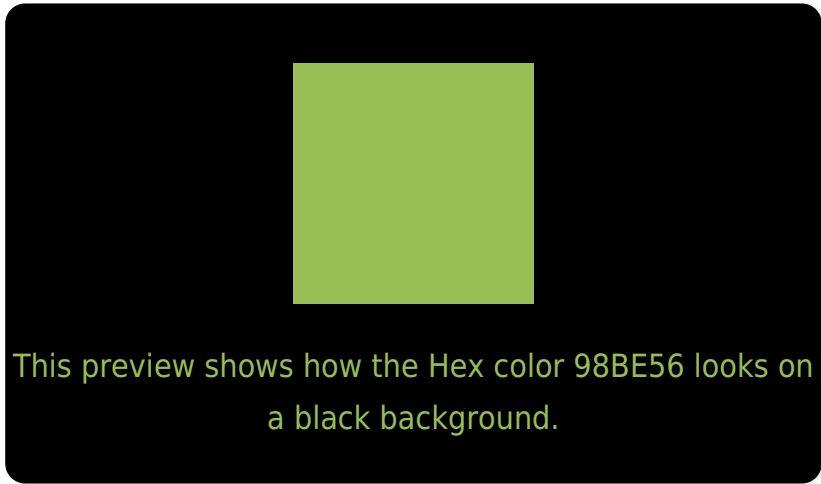
Large Text (above 18pt) WCAG AA × Fail

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 98BE56 Background



This preview shows how black text looks on a background with the Hex color 98BE56.



This preview shows how white text looks on a background with the Hex color 98BE56.

# 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**  
98BE56

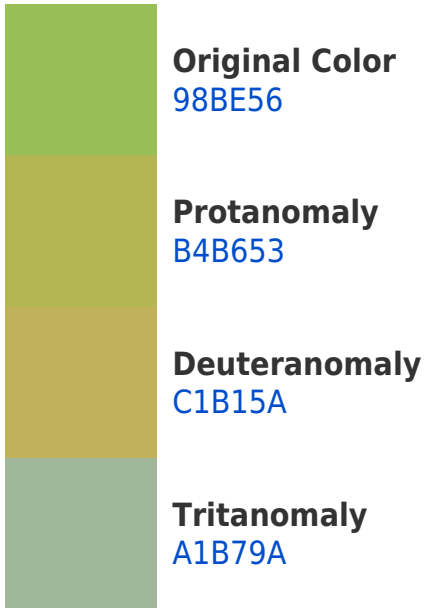
**Protanopia**  
C4B152

**Deuteranopia**  
D9A95C

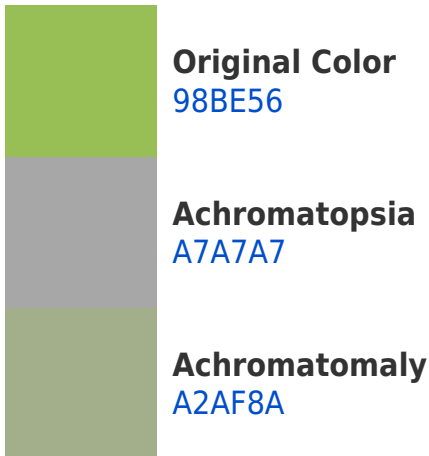


**Tritanopia**  
A6B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98BE56 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 #98BE56 looks like.

```
.text, #text, p{  
    color:#98BE56  
}
```

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 #98BE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98BE56
}
```

## Border

The CSS property to change the border of an element to Hex 98BE56 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
#98BE56 }
```

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

```
.border{ border-color:#98BE56 }
```

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

Here you see how a box with a 4 pixel #98BE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98BE56; -webkit-box-shadow:4px 4px  
4px 4px #98BE56; box-shadow:4px 4px 4px  
4px #98BE56 }
```

# Background

The CSS property to change the background color of an element to Hex 98BE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98BE56 }
```

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

```
.background{ background-color:#98BE56 }
```

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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