

Converting Colors

Hex(98B475)

Have a look what the booklet for
Hex(98B475) contains.

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Color

Hex(98B475)

Conversions

Conversions Part 1

Format	Color
Hex	98B475
RGB	152, 180, 117
RGB Percent	60%, 71%, 46%
CMY	0.4039, 0.2941, 0.5412
CMYK	0.16, 0.00, 0.35, 0.29
HSL	87°, 30%, 58%
HSV	87°, 35%, 71%
XYZ	32.4810, 40.6023, 22.9547
YIQ	164.4460, 3.5350, -25.5290

Conversions

Conversions Part 2

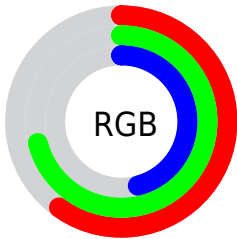
Format	Color
RYB	117, 180, 145
Decimal	10007669
CIELab	69.90, -20.67, 29.06
CIELCh	70, 35.667, 125.424
Yxy	40.6023, 0.3382, 0.4228
Android (android.graphics.Color)	4288197749 (0xFF98B475)
YUV	164.4460, -23.3909, -10.9151
Hunter-Lab	63.7199, -20.5200, 23.2451

Details

The Hex color **98B475** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9175B4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CFECAA**, and **647F44** is the 20% darker color. If you saturate the color by 10%, you get **90B463**, and if you desaturate by 10%, it is **A0B487**.

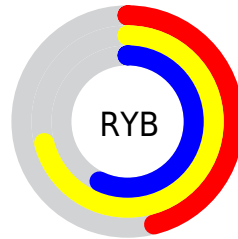
Distribution



Red (60%)

Green (71%)

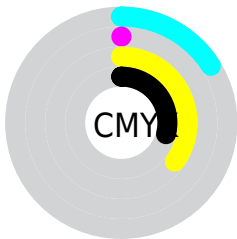
Blue (46%)



Red (46%)

Yellow (71%)

Blue (57%)

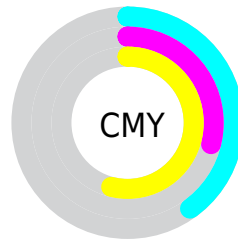


Cyan (16%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98B475 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 98B475 by changing the saturation by 10% instead.

 98B475

FFFFFF

 CFECAA

 ECFFC5

 FFFFE1

FFFFFFE

 98B475

 90B463

 98B475

 7E995C

 647F44

 4B662C

 334E16

 1D3700

 012200

 000000

 98B475

 A0B487

 88B451

 A8B499

 80B43F

 B0B4AB

 78B42D

 B8B4BD

 70B41B

 C0B4CF

 68B409

 C8B4E1

 64B400

 D0B4F3

 D8B4FF

 E0B4FF

Harmonies

Analogous

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



BBAB6A



98B475



71BA8F

Triad

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



98B475



51B5E5



E992A6

Complementary

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



98B475



9175B4

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.



D996C6



98B475



87ACEB

Square

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



98B475



2FBBCF



B6A0E0



E89687

Rectangle

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



98B475



55BCA5



B6A0E0



E692B1

Sweetspot

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



98B475



DFEBD1



B49075



6F7566



F5F5F5



757575

Same Dimension

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



98B475



BFEB88



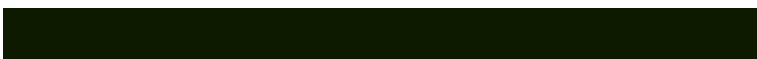
79B475



555950



559900



0E1A00

Inverse Universe

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



9175B4



B488EB



B075B4



545059



440099



0B001A

Previews

White Background



This preview shows how the Hex color 98B475 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



This preview shows how the Hex color 98B475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

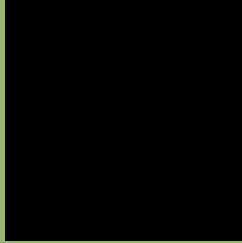
Any Text WCAG AA ✓ Pass

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 98B475 Background



This preview shows how black text looks on a background with the Hex color 98B475.

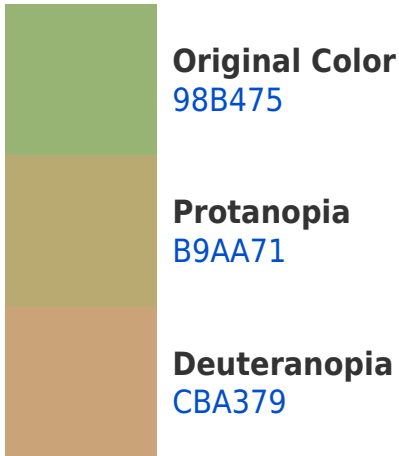


This preview shows how white text looks on a background with the Hex color 98B475.

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](#).

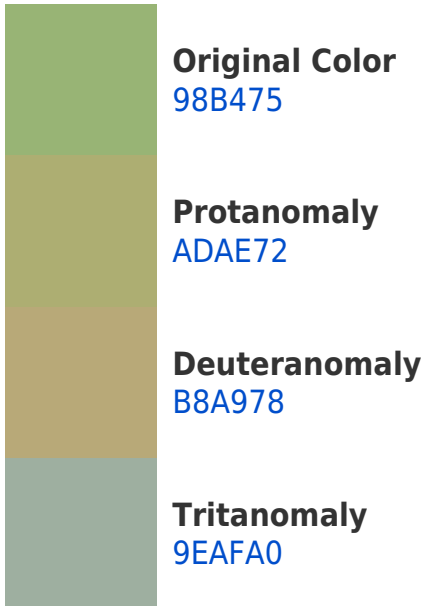
Dichromacy



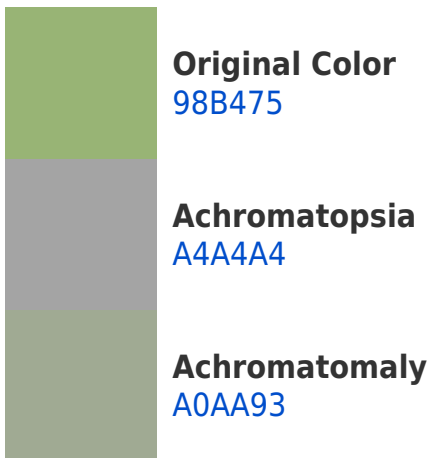


Tritanopia
A2ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98B475 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 #98B475 looks like.

```
.text, #text, p{  
    color:#98B475  
}
```

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 #98B475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B475  
}
```

Border

The CSS property to change the border of an element to Hex 98B475 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  
#98B475 }
```

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

```
.border{ border-color:#98B475 }
```

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

Here you see how a box with a 4 pixel #98B475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B475; -webkit-box-shadow:4px 4px  
4px 4px #98B475; box-shadow:4px 4px 4px  
4px #98B475 }
```

Background

The CSS property to change the background color of an element to Hex 98B475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B475 }
```

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

```
.background{ background-color:#98B475 }
```

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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