

Converting Colors

Hex(99B174)

Have a look what the booklet for
Hex(99B174) contains.

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Color

Hex(99B174)

Conversions

Conversions Part 1

Format	Color
Hex	99B174
RGB	153, 177, 116
RGB Percent	60%, 69%, 45%
CMY	0.4000, 0.3059, 0.5451
CMYK	0.14, 0.00, 0.34, 0.31
HSL	84°, 28%, 57%
HSV	84°, 34%, 69%
XYZ	32.0114, 39.4775, 22.4557
YIQ	162.8700, 5.2770, -24.0590

Conversions

Conversions Part 2

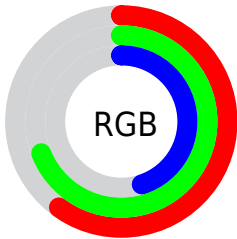
Format	Color
RYB	116, 177, 140
Decimal	10072436
CIELab	69.10, -18.92, 28.55
CIELCh	69, 34.250, 123.523
Yxy	39.4775, 0.3407, 0.4202
Android (android.graphics.Color)	4288262516 (0xFF99B174)
YUV	162.8700, -23.1069, -8.6560
Hunter-Lab	62.8312, -19.0118, 22.7917

Details

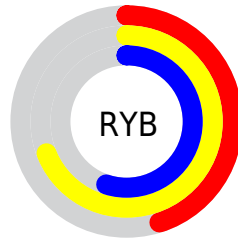
The Hex color **99B174** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8C74B1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0E9A9**, and **657C43** is the 20% darker color. If you saturate the color by 10%, you get **92B162**, and if you desaturate by 10%, it is **A0B186**.

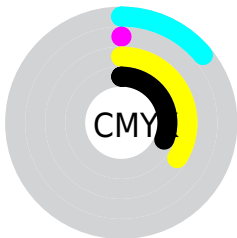
Distribution



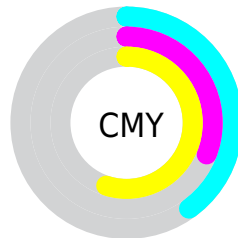
- Red (60%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B174 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 99B174 by changing the saturation by 10% instead.

 99B174

 99B174

FFFFFF

 7F965B

 D0E9A9

 657C43

 EDFFC4

 4C632C

 FFFFEO

 344B15

FFFFFFD

 1E3500

 022000

 000000

 99B174

 99B174

 92B162

 A0B186

 8BB151

 A7B197

 84B13F

 AEB1A9

 7DB12D

 B5B1BB

 76B11B

 BCB1CC

 6FB10A

 C3B1DE

 6BB100

 CAB1F0

 D1B1FF

 D8B1FF

Harmonies

Analogous

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



BAA86A



99B174



74B78C

Triad

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



99B174



52B3DF



E491A6

Complementary

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



99B174



8C74B1

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.



D395C5



99B174



83AAE6

Square

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



99B174



37B8CA



B19FDC



E49488

Rectangle

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



99B174



5AB9A1



B19FDC



E092B1

Sweetspot

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



99B174



DCE6CF



B18B74



6D7365



F2F2F2



737373

Same Dimension

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



99B174



C0E687



7BB174



565950



5D9900



0F1A00

Inverse Universe

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



8C74B1



AC87E6



AA74B1



545059



3C0099



0A001A

Previews

White Background



This preview shows how the Hex color 99B174 looks on a white background.

Color Contrast Check

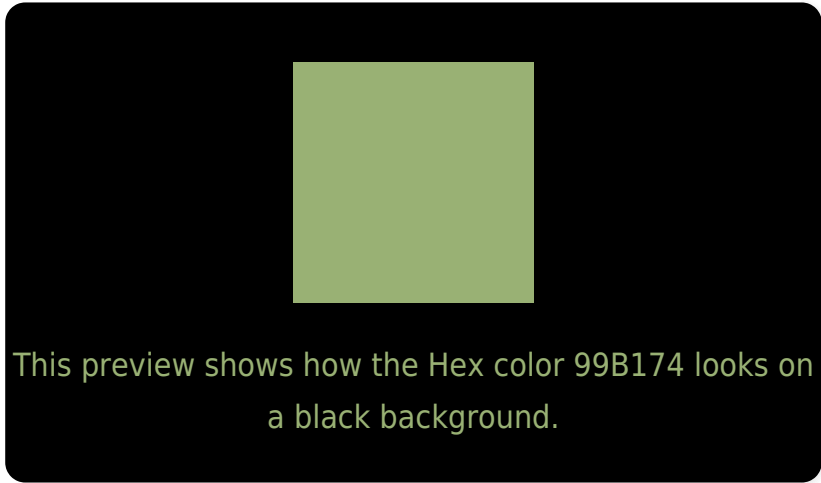
Large Text (above 18pt) WCAG AA × Fail

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

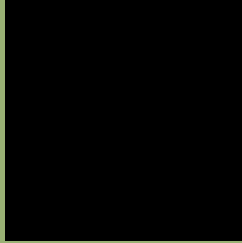
Any Text WCAG AA ✓ Pass

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 99B174 Background



This preview shows how black text looks on a background with the Hex color 99B174.

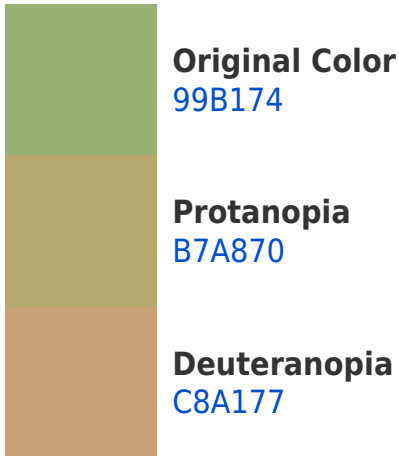


This preview shows how white text looks on a background with the Hex color 99B174.

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](#).

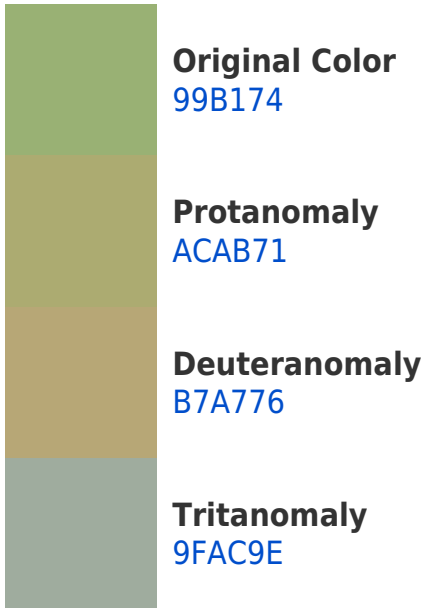
Dichromacy



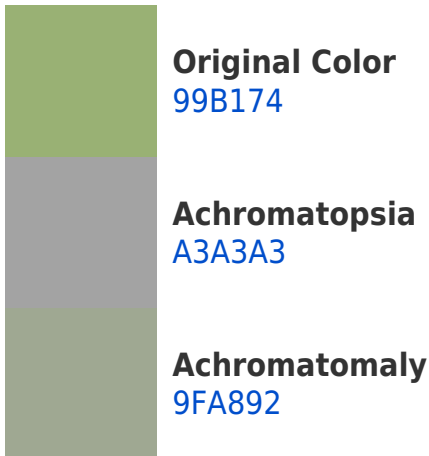


Tritanopia
A2A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B174 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 #99B174 looks like.

```
.text, #text, p{  
    color:#99B174  
}
```

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 #99B174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B174
}
```

Border

The CSS property to change the border of an element to Hex 99B174 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
#99B174 }
```

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

```
.border{ border-color:#99B174 }
```

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

Here you see how a box with a 4 pixel #99B174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B174; -webkit-box-shadow:4px 4px  
4px 4px #99B174; box-shadow:4px 4px 4px  
4px #99B174 }
```

Background

The CSS property to change the background color of an element to Hex 99B174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B174 }
```

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

```
.background{ background-color:#99B174 }
```

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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