

Converting Colors

Hex(99B764)

Have a look what the booklet for
Hex(99B764) contains.

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Color

Hex(99B764)

Conversions

Conversions Part 1

Format	Color
Hex	99B764
RGB	153, 183, 100
RGB Percent	60%, 72%, 39%
CMY	0.4000, 0.2824, 0.6078
CMYK	0.16, 0.00, 0.45, 0.28
HSL	82°, 37%, 55%
HSV	82°, 45%, 72%
XYZ	32.3706, 41.5594, 18.3722
YIQ	164.5680, 8.7630, -32.1730

Conversions

Conversions Part 2

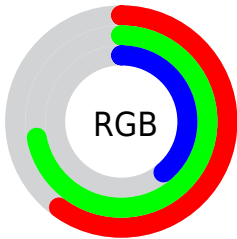
Format	Color
RYB	100, 183, 130
Decimal	10073956
CIELab	70.57, -23.96, 38.73
CIELCh	71, 45.544, 121.736
Yxy	41.5594, 0.3507, 0.4503
Android (android.graphics.Color)	4288264036 (0xFF99B764)
YUV	164.5680, -31.8320, -10.1451
Hunter-Lab	64.4666, -23.1863, 28.2296

Details

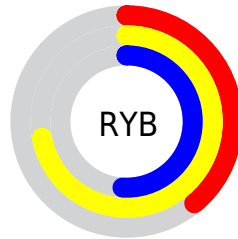
The Hex color **99B764** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8264B7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D1EF98**, and **648232** is the 20% darker color. If you saturate the color by 10%, you get **92B752**, and if you desaturate by 10%, it is **A0B776**.

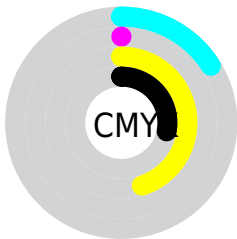
Distribution



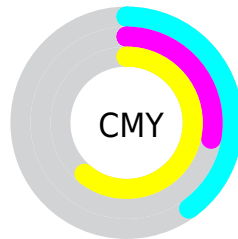
- Red (60%)
- Green (72%)
- Blue (39%)



- Red (39%)
- Yellow (72%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B764 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 99B764 by changing the saturation by 10% instead.

 99B764

 99B764

FFFFFF

 7E9C4B

 D1EF98

 648232

 EDFFB4

 4B691A

 FFFFCF

 325000

 FFFFEC

 1B3900

 002400

 000400

 000000

 99B764

 99B764

 92B752

 A0B776

 8CB73F

 A6B789

 85B72D

 ADB79B

 7FB71B

 B3B7AD

 78B708

 BAB7C0

 75B700

 C1B7D2

 C7B7E4

 CEB7F6

 D5B7FF

Harmonies

Analogous

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



C4AB58



99B764



65BF84

Triad

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



99B764



00BBF5



F98BAC

Complementary

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



99B764



8264B7

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.



E292D5



99B764



6DB0FF

Square

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



99B764



00C1D7



B3A1F3



F98F83

Rectangle

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



99B764



34C19F



B3A1F3



F48CBA

Sweetspot

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



99B764



E1EDCC



B78164



707863



F7F7F7



787878

Same Dimension

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



99B764



BFED6D



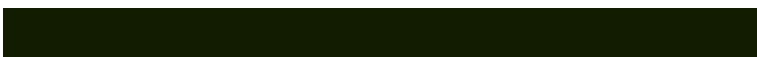
70B764



585C53



639C00



121C00

Inverse Universe

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



8264B7



9B6DED



AB64B7



56535C



38009C



0A001C

Previews

White Background



This preview shows how the Hex color 99B764 looks on a white background.

Color Contrast Check

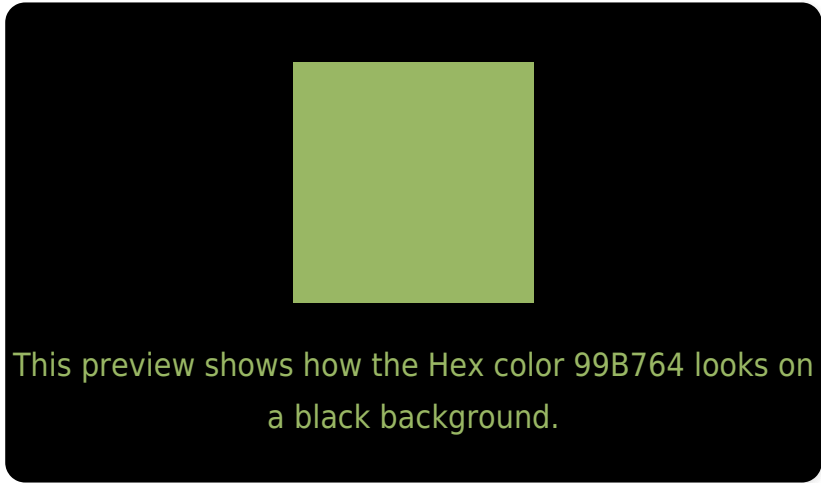
Large Text (above 18pt) WCAG AA × Fail

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

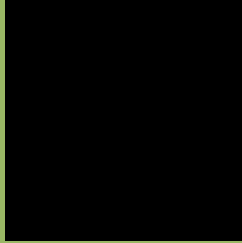
Any Text WCAG AA ✓ Pass

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 99B764 Background



This preview shows how black text looks on a background with the Hex color 99B764.

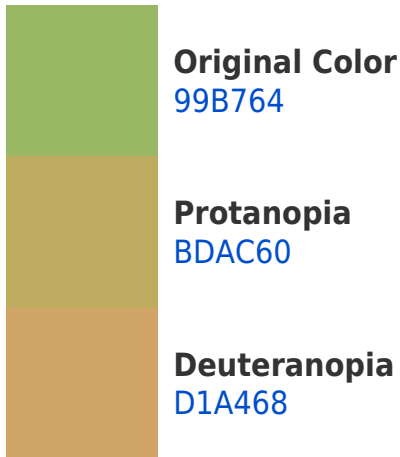


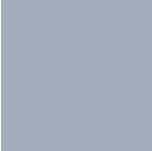
This preview shows how white text looks on a background with the Hex color 99B764.

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](#).

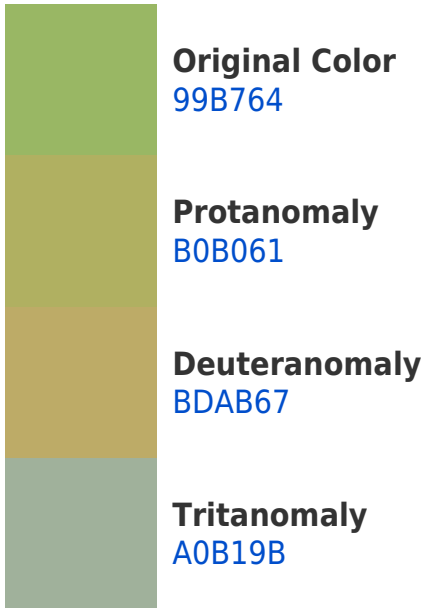
Dichromacy



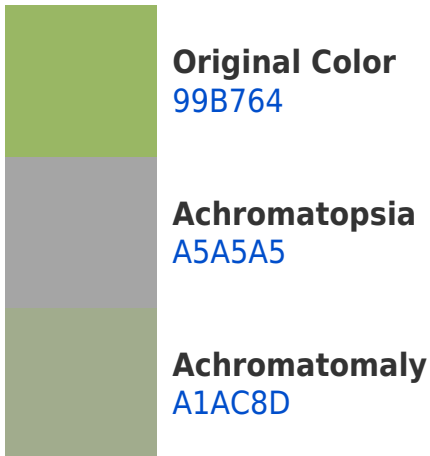


Tritanopia
A4ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B764 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 #99B764 looks like.

```
.text, #text, p{  
    color:#99B764  
}
```

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 #99B764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B764
}
```

Border

The CSS property to change the border of an element to Hex 99B764 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
#99B764 }
```

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

```
.border{ border-color:#99B764 }
```

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

Here you see how a box with a 4 pixel #99B764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B764; -webkit-box-shadow:4px 4px  
4px 4px #99B764; box-shadow:4px 4px 4px  
4px #99B764 }
```

Background

The CSS property to change the background color of an element to Hex 99B764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B764 }
```

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

```
.background{ background-color:#99B764 }
```

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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