

Converting Colors

Hex(94BC60)

Have a look what the booklet for
Hex(94BC60) contains.

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Color

Hex(94BC60)

Conversions

Conversions Part 1

Format	Color
Hex	94BC60
RGB	148, 188, 96
RGB Percent	58%, 74%, 38%
CMY	0.4196, 0.2627, 0.6235
CMYK	0.21, 0.00, 0.49, 0.26
HSL	86°, 41%, 56%
HSV	86°, 49%, 74%
XYZ	32.3073, 43.1069, 17.6840
YIQ	165.5520, 5.6920, -37.0920

Conversions

Conversions Part 2

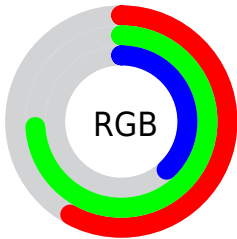
Format	Color
RYB	96, 188, 136
Decimal	9747552
CIELab	71.63, -28.76, 41.96
CIELCh	72, 50.871, 124.425
Yxy	43.1069, 0.3470, 0.4630
Android (android.graphics.Color)	4287937632 (0xFF94BC60)
YUV	165.5520, -34.2891, -15.3931
Hunter-Lab	65.6558, -27.0631, 29.9897

Details

The Hex color **94BC60** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8860BC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CCF494**, and **5F872E** is the 20% darker color. If you saturate the color by 10%, you get **8CBC4D**, and if you desaturate by 10%, it is **9CBC73**.

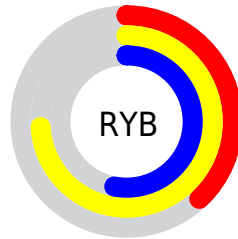
Distribution



Red (58%)

Green (74%)

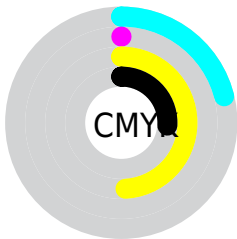
Blue (38%)



Red (38%)

Yellow (74%)

Blue (53%)

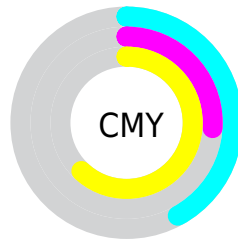


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94BC60 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 94BC60 by changing the saturation by 10% instead.

 94BC60

 94BC60

FFFFFF

 79A147

 CCF494

 5F872E

 E8FFB0

 456D13

 FFFFCC

 2C5400

 FFFFEE

 123D00

 002700

 000B00

 000000

 94BC60

 94BC60

 8CBC4D

 9CBC73

 84BC3A

 A4BC86

 7BBC28

 ADBC98

 73BC15

 B5BCAB

 6BBC02

 BDBCBE

 6ABC00

 C5BCD1

 CDBCE4

 D5BCF6

 DEBCFF

Harmonies

Analogous

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



C5AF50



94BC60



55C486

Triad

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



94BC60



00BFFF



FF88AA

Complementary

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



94BC60



8860BC

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.



EE90D8



94BC60



6CB2FF

Square

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



94BC60



00C6E3



BCA1FC



FF8F7D

Rectangle

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



94BC60



00C7A5



BCA1FC



FF89BA

Sweetspot

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



94BC60



E5F5D0



BC8860



717A64



FAFAFA



7A7A7A

Same Dimension

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



94BC60



B6F564



66BC60



5A5E55



599E00



111F00

Inverse Universe

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



8860BC



A364F5



B660BC



59555E



45009E



0D001F

Previews

White Background



This preview shows how the Hex color 94BC60 looks on a white background.

Color Contrast Check

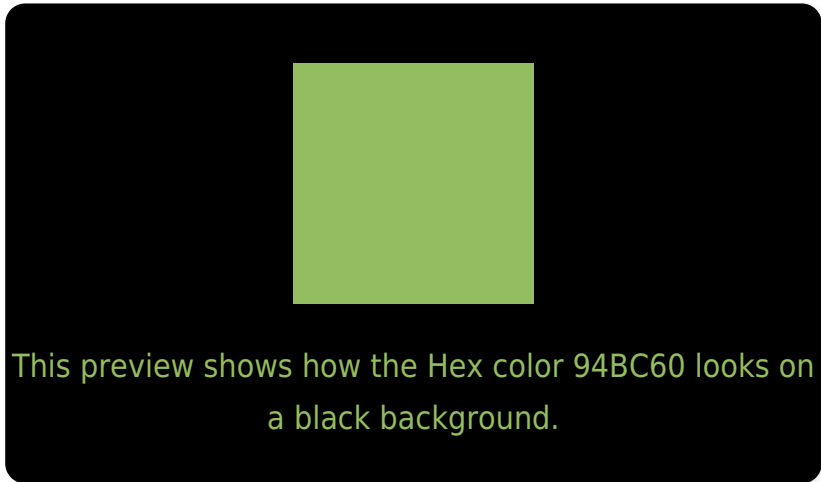
Large Text (above 18pt) WCAG AA × Fail

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 94BC60 Background



This preview shows how black text looks on a background with the Hex color 94BC60.

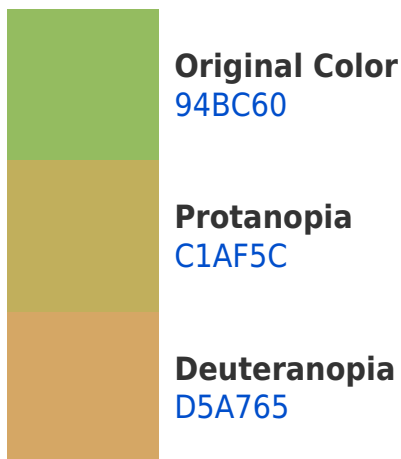


This preview shows how white text looks on a background with the Hex color 94BC60.

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](#).

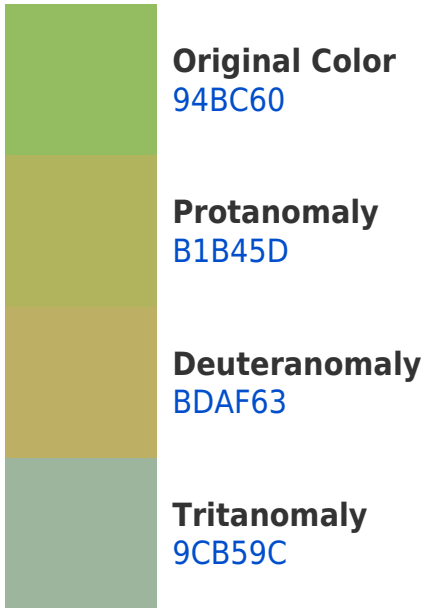
Dichromacy



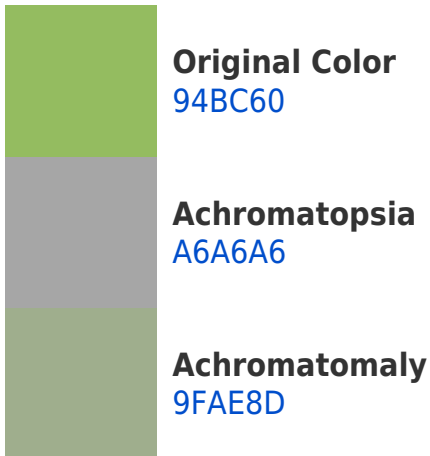


Tritanopia
A1B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94BC60 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 #94BC60 looks like.

```
.text, #text, p{  
    color:#94BC60  
}
```

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 #94BC60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94BC60
}
```

Border

The CSS property to change the border of an element to Hex 94BC60 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
#94BC60 }
```

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

```
.border{ border-color:#94BC60 }
```

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

Here you see how a box with a 4 pixel #94BC60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94BC60; -webkit-box-shadow:4px 4px  
4px 4px #94BC60; box-shadow:4px 4px 4px  
4px #94BC60 }
```

Background

The CSS property to change the background color of an element to Hex 94BC60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94BC60 }
```

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

```
.background{ background-color:#94BC60 }
```

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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