

Converting Colors

Hex(94CB70)

Have a look what the booklet for
Hex(94CB70) contains.

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Color

Hex(94CB70)

Conversions

Conversions Part 1

Format	Color
Hex	94CB70
RGB	148, 203, 112
RGB Percent	58%, 80%, 44%
CMY	0.4196, 0.2039, 0.5608
CMYK	0.27, 0.00, 0.45, 0.20
HSL	96°, 47%, 62%
HSV	96°, 45%, 80%
XYZ	36.4933, 50.1776, 23.0911
YIQ	176.1810, -3.5690, -39.9610

Conversions

Conversions Part 2

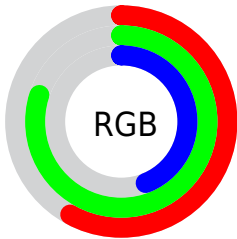
Format	Color
RYB	112, 203, 167
Decimal	9751408
CIELab	76.18, -33.91, 39.66
CIElCh	76, 52.181, 130.532
Yxy	50.1776, 0.3325, 0.4571
Android (android.graphics.Color)	4287941488 (0xFF94CB70)
YUV	176.1810, -31.6412, -24.7147
Hunter-Lab	70.8362, -32.0038, 30.2580

Details

The Hex color **94CB70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A770CB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CCFFA5**, and **5E953E** is the 20% darker color. If you saturate the color by 10%, you get **88CB5C**, and if you desaturate by 10%, it is **A0CB84**.

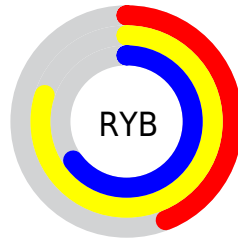
Distribution



Red (58%)

Green (80%)

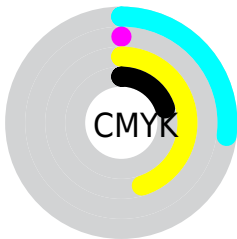
Blue (44%)



Red (44%)

Yellow (80%)

Blue (65%)

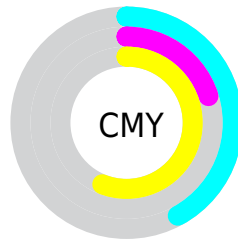


Cyan (27%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (42%)

Magenta (20%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94CB70 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 94CB70 by changing the saturation by 10% instead.

 94CB70

 94CB70

FFFFFF

 79AF56

 CCFFA5

 5E953E

 E9FFC1

 447A25

 FFFFDD

 2A6109

 FFFFFA

 0D4900

 003200

 001E00

 000000

 94CB70

 94CB70

 88CB5C

 A0CB84

 7BCB47

 ADCB99

 6FCB33

 B9CBAD

 63CB1F

 C5CBC1

 57CB0B

 D1CBD6

 50CB00

 DECBEA

 EACBFE

 F6CBFF

 FFCBFF

Harmonies

Analogous

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



C9BF5A



94CB70



4ED29A

Triad

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



94CB70



00CAFF



FF94AD

Complementary

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



94CB70



A770CB

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.



FF99DD



94CB70



8BBBFF

Square

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



94CB70



00D2F9



D6A9FF



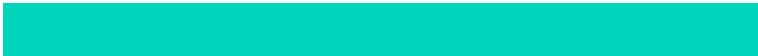
FF9D80

Rectangle

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



94CB70



00D4BB



D6A9FF



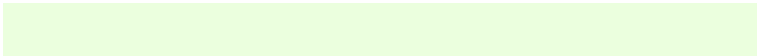
FF94BD

Sweetspot

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



94CB70



EBFFDE



CBA770



73806B



000000



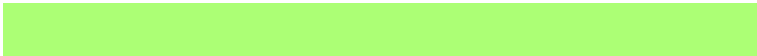
808080

Same Dimension

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



94CB70



ACFF75



70CB79



60665C



42A600



0F2600

Inverse Universe

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



A770CB



C975FF



CB70C2



625C66



6400A6



170026

Previews

White Background



This preview shows how the Hex color 94CB70 looks on a white background.

Color Contrast Check

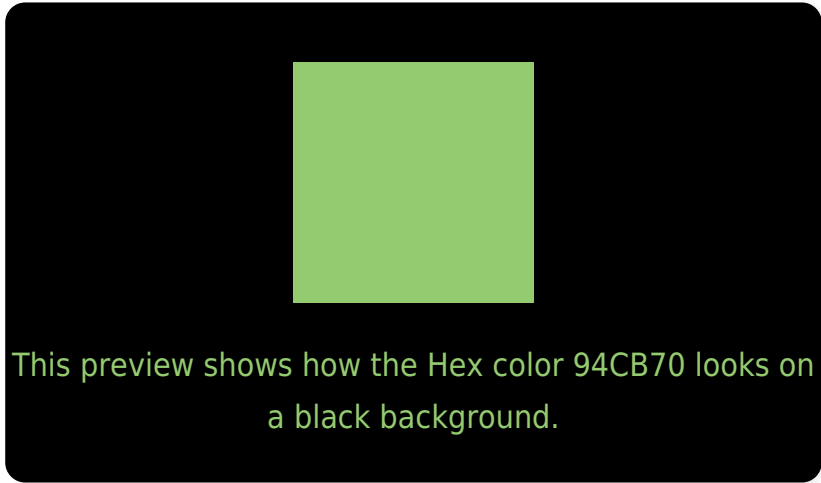
Large Text (above 18pt) WCAG AA × Fail

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 94CB70 Background



This preview shows how black text looks on a background with the Hex color 94CB70.

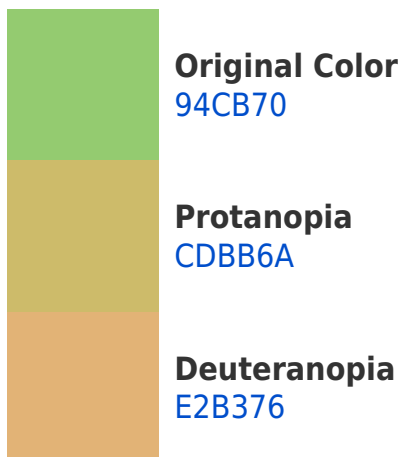


This preview shows how white text looks on a background with the Hex color 94CB70.

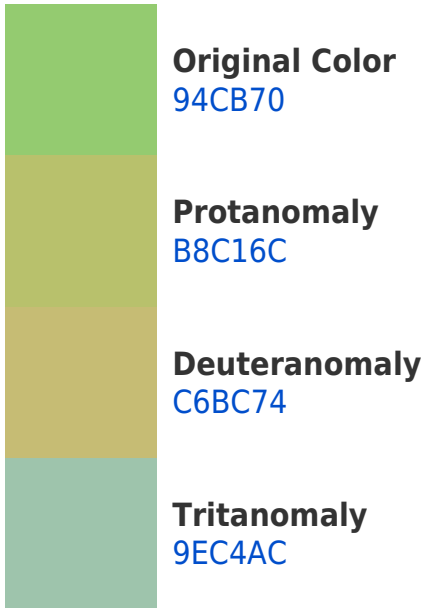
Color Blindness Simulation

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](#).

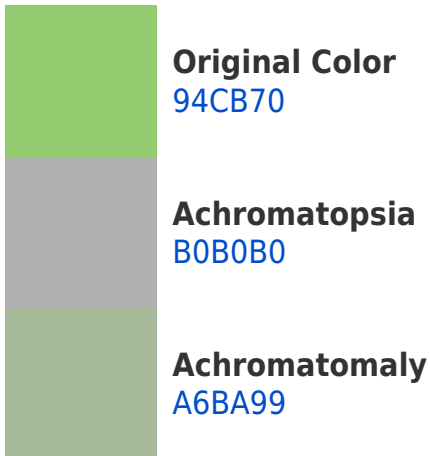
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94CB70 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 #94CB70 looks like.

```
.text, #text, p{  
    color:#94CB70  
}
```

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 #94CB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CB70
}
```

Border

The CSS property to change the border of an element to Hex 94CB70 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
#94CB70 }
```

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

```
.border{ border-color:#94CB70 }
```

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

Here you see how a box with a 4 pixel #94CB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CB70; -webkit-box-shadow:4px 4px  
4px 4px #94CB70; box-shadow:4px 4px 4px  
4px #94CB70 }
```

Background

The CSS property to change the background color of an element to Hex 94CB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CB70 }
```

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

```
.background{ background-color:#94CB70 }
```

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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