

Converting Colors

Hex(94C661)

Have a look what the booklet for
Hex(94C661) contains.

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Color

Hex(94C661)

Conversions

Conversions Part 1

Format	Color
Hex	94C661
RGB	148, 198, 97
RGB Percent	58%, 78%, 38%
CMY	0.4196, 0.2235, 0.6196
CMYK	0.25, 0.00, 0.51, 0.22
HSL	90°, 47%, 58%
HSV	90°, 51%, 78%
XYZ	34.5645, 47.5471, 18.6650
YIQ	171.5360, 2.6210, -42.0110

Conversions

Conversions Part 2

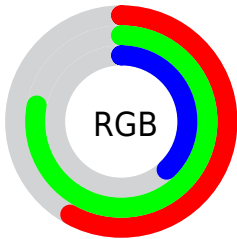
Format	Color
RYB	97, 198, 147
Decimal	9750113
CIELab	74.54, -33.36, 45.00
CIElCh	75, 56.017, 126.553
Yxy	47.5471, 0.3430, 0.4718
Android (android.graphics.Color)	4287940193 (0xFF94C661)
YUV	171.5360, -36.7462, -20.6411
Hunter-Lab	68.9544, -31.1943, 32.2191

Details

The Hex color **94C661** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9361C6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CCFF96**, and **5E902E** is the 20% darker color. If you saturate the color by 10%, you get **8AC64D**, and if you desaturate by 10%, it is **9EC675**.

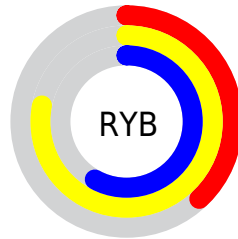
Distribution



Red (58%)

Green (78%)

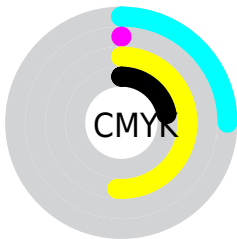
Blue (38%)



Red (38%)

Yellow (78%)

Blue (58%)

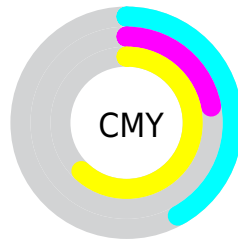


Cyan (25%)

Magenta (0%)

Yellow (51%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94C661 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 94C661 by changing the saturation by 10% instead.

 94C661

 94C661

FFFFFF

 79AB47

 CCFF96

 5E902E

 E9FFB1

 447612

 FFFFCF

 295D00

 FFFFEA

 0D4500

 002E00

 001800

 000000

 94C661

 94C661

 8AC64D

 9EC675

 80C639

 A8C689

 77C626

 B1C69C

 6DC612

 BBC6B0

 64C600

 C5C6C4

 CFC6D8

 D9C6EC

 E2C6FF

 ECC6FF

Harmonies

Analogous

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



CBB84C



94C661



48CE8C

Triad

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



94C661



00C8FF



FF8BAE

Complementary

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



94C661



9361C6

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.



FF92E1



94C661



70B9FF

Square

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



94C661



00CFF3



CAA5FF



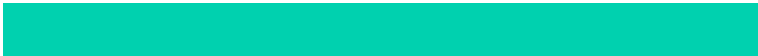
FF947D

Rectangle

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



94C661



00D1AF



CAA5FF



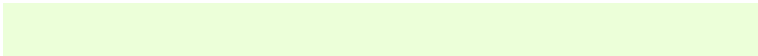
FF8CBF

Sweetspot

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



94C661



ECFFD9



C69261



748069



000000



808080

Same Dimension

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



94C661



B2FF63



63C661



5F635A



52A300



122400

Inverse Universe

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



9361C6



B063FF



C461C6



5E5A63



5100A3



120024

Previews

White Background



This preview shows how the Hex color 94C661 looks on a white background.

Color Contrast Check

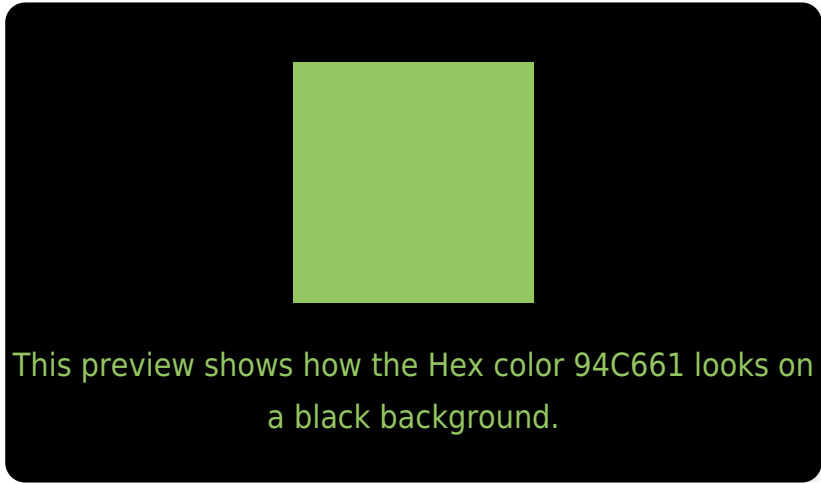
Large Text (above 18pt) WCAG AA × Fail

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 94C661 Background



This preview shows how black text looks on a background with the Hex color 94C661.

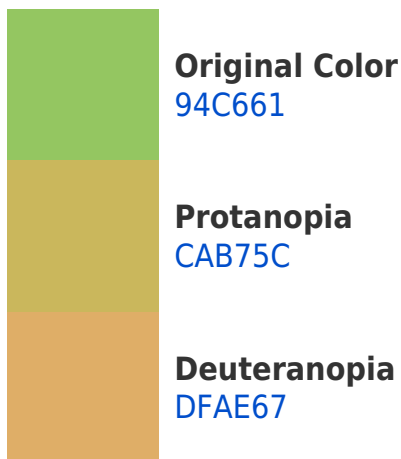


This preview shows how white text looks on a background with the Hex color 94C661.

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
A3BBC9

Trichromacy



Original Color
94C661

Protanomaly
B6BC5E

Deuteranomaly
C4B765

Tritanomaly
9EBFA3

Monochromacy



Original Color
94C661

Achromatopsia
ACACAC

Achromatomaly
A3B591

CSS Examples

Text

The CSS property to change the color of the text to Hex 94C661 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 #94C661 looks like.

```
.text, #text, p{  
    color:#94C661  
}
```

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 #94C661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C661
}
```

Border

The CSS property to change the border of an element to Hex 94C661 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
#94C661 }
```

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

```
.border{ border-color:#94C661 }
```

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

Here you see how a box with a 4 pixel #94C661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C661; -webkit-box-shadow:4px 4px  
4px 4px #94C661; box-shadow:4px 4px 4px  
4px #94C661 }
```

Background

The CSS property to change the background color of an element to Hex 94C661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C661 }
```

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

```
.background{ background-color:#94C661 }
```

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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