

Converting Colors

Hex(90C854)

Have a look what the booklet for
Hex(90C854) contains.

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Color

Hex(90C854)

Conversions

Conversions Part 1

Format	Color
Hex	90C854
RGB	144, 200, 84
RGB Percent	56%, 78%, 33%
CMY	0.4353, 0.2157, 0.6706
CMYK	0.28, 0.00, 0.58, 0.22
HSL	89°, 51%, 56%
HSV	89°, 58%, 78%
XYZ	33.7561, 47.8779, 15.8497
YIQ	170.0320, 3.8600, -47.9480

Conversions

Conversions Part 2

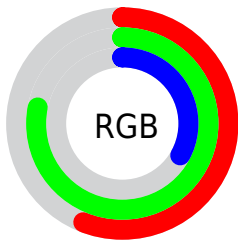
Format	Color
R_{YB}	84, 200, 140
Decimal	9488468
CIE _{Lab}	74.75, -37.07, 51.25
CIE _{LCh}	75, 63.254, 125.877
Yxy	47.8779, 0.3463, 0.4911
Android (android.graphics.Color)	4287678548 (0xFF90C854)
YUV	170.0320, -42.4138, -22.8301
Hunter-Lab	69.1939, -34.0084, 34.8546

Details

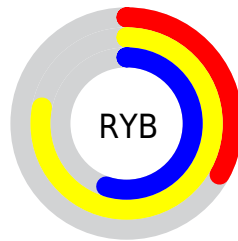
The Hex color **90C854** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8C54C8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C8FF89**, and **59921E** is the 20% darker color. If you saturate the color by 10%, you get **86C840**, and if you desaturate by 10%, it is **9AC868**.

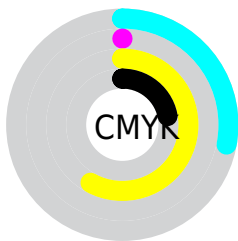
Distribution



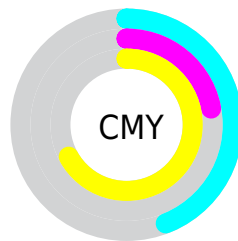
- Red (56%)
- Green (78%)
- Blue (33%)



- Red (33%)
- Yellow (78%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (58%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90C854 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 90C854 by changing the saturation by 10% instead.



90C854



90C854

FFFFFF



75AC3A



C8FF89



59921E



E5FFA5



3E7800



FFFFC0



225E00



FFFFDD



004600



FFFFFA



002F00



001900



000000



90C854



90C854

 86C840

 9AC868

 7DC82C

 A3C87C

 73C818

 ADC890

 69C804

 B7C8A4

 67C800

 C0C8B8

 CAC8CC

 D4C8E0

 DDC8F4

 E7C8FF

Harmonies

Analogous

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



CDB93B



90C854



2DD186

Triad

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



90C854



00CBFF



FF83AF

Complementary

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



90C854



8C54C8

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.



FF8DE9



90C854



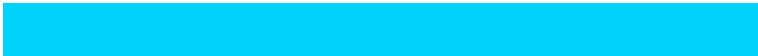
58BBFF

Square

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



90C854



00D3FB



CAA4FF



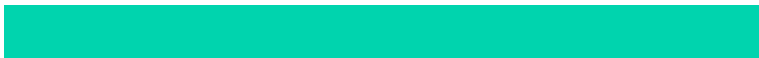
FF8E77

Rectangle

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



90C854



00D4AE



CAA4FF



FF84C2

Sweetspot

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



90C854



EAFD4



C88A54



738066



000000



808080

Same Dimension

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



90C854



A9FF4D



58C854



5F635A



54A300



122400

Inverse Universe

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



8C54C8



A34DFF



C454C8



5E5A63



4F00A3



110024

Previews

White Background



This preview shows how the Hex color 90C854 looks on a white background.

Color Contrast Check

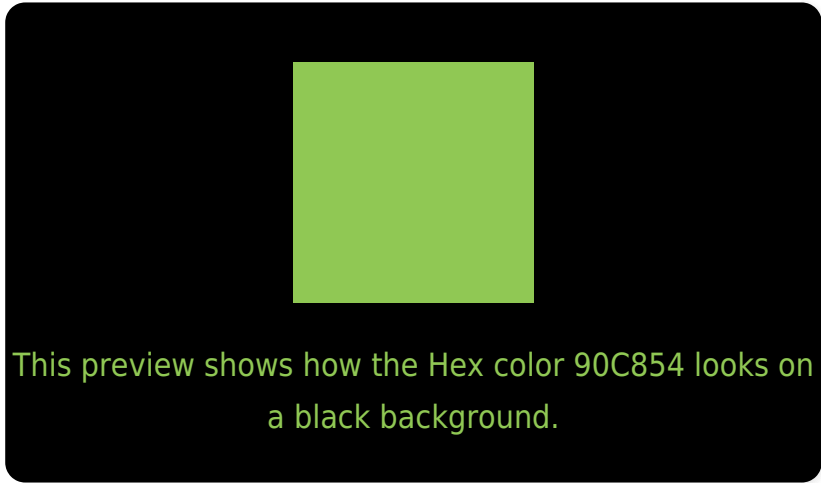
Large Text (above 18pt) WCAG AA × Fail

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 90C854 Background



This preview shows how black text looks on a background with the Hex color 90C854.

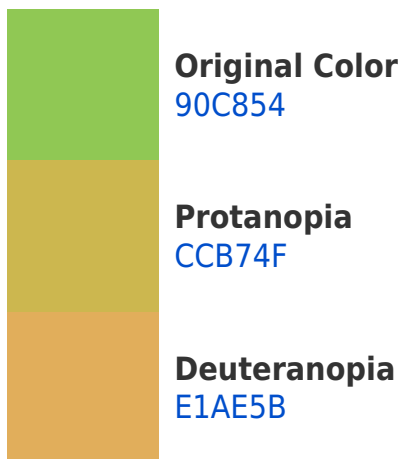


This preview shows how white text looks on a background with the Hex color 90C854.

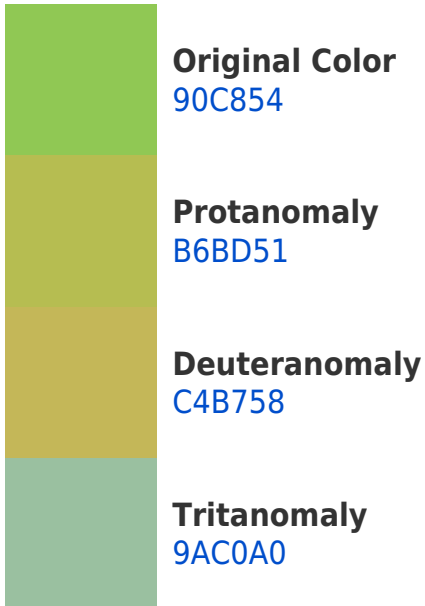
Color Blindness Simulation

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](#).

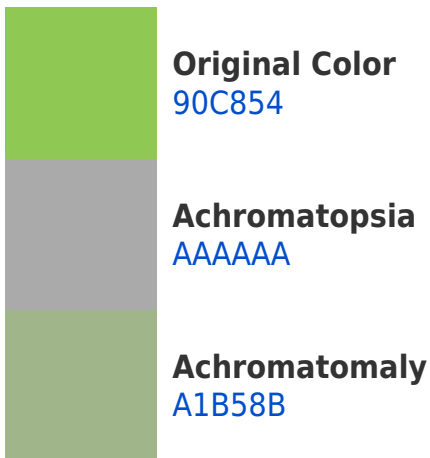
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90C854 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 #90C854 looks like.

```
.text, #text, p{  
    color:#90C854  
}
```

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 #90C854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C854
}
```

Border

The CSS property to change the border of an element to Hex 90C854 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
#90C854 }
```

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

```
.border{ border-color:#90C854 }
```

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

Here you see how a box with a 4 pixel #90C854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C854; -webkit-box-shadow:4px 4px  
4px 4px #90C854; box-shadow:4px 4px 4px  
4px #90C854 }
```

Background

The CSS property to change the background color of an element to Hex 90C854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C854 }
```

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

```
.background{ background-color:#90C854 }
```

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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