

Converting Colors

Hex(94C241)

Have a look what the booklet for
Hex(94C241) contains.

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Color

Hex(94C241)

Conversions

Conversions Part 1

Format	Color
Hex	94C241
RGB	148, 194, 65
RGB Percent	58%, 76%, 25%
CMY	0.4196, 0.2392, 0.7451
CMYK	0.24, 0.00, 0.66, 0.24
HSL	81°, 51%, 51%
HSV	81°, 66%, 76%
XYZ	32.4587, 45.2611, 12.0265
YIQ	165.5400, 13.9930, -49.8710

Conversions

Conversions Part 2

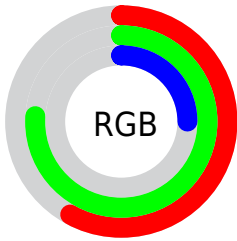
Format	Color
RYB	65, 194, 111
Decimal	9749057
CIELab	73.06, -34.40, 57.60
CIELCh	73, 67.091, 120.851
Yxy	45.2611, 0.3617, 0.5043
Android (android.graphics.Color)	4287939137 (0xFF94C241)
YUV	165.5400, -49.5662, -15.3826
Hunter-Lab	67.2764, -31.6133, 36.4946

Details

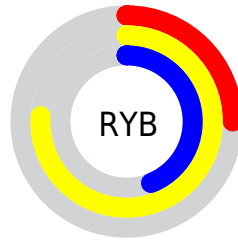
The Hex color **94C241** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6F41C2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CDFB77**, and **5D8C00** is the 20% darker color. If you saturate the color by 10%, you get **8DC22E**, and if you desaturate by 10%, it is **9BC254**.

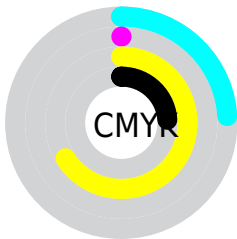
Distribution



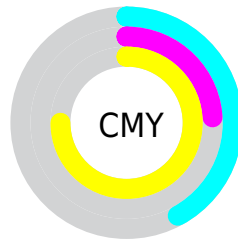
- Red (58%)
- Green (76%)
- Blue (25%)



- Red (25%)
- Yellow (76%)
- Blue (44%)



- Cyan (24%)
- Magenta (0%)
- Yellow (66%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94C241 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 94C241 by changing the saturation by 10% instead.

 94C241

 94C241

FFFFFF

 78A724

 CDFB77

 5D8C00

 EAFF92

 427200

 FFFFAE

 275900

 FFFF CB

 024200

 FFFF E8

 002B00

 001300

 000000

 94C241

 94C241

 8DC22E

 9BC254

 86C21A

 A2C268

 7FC207

 A9C27B

 7DC200

 B0C28F

 B7C2A2

 BEC2B5

 C4C2C9

 CBC2DC

 D2C2F0

Harmonies

Analogous

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



D2B12B



94C241



33CC75

Triad

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



94C241



00C9FF



FF7AB4

Complementary

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



94C241



6F41C2

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.



FF88F0



94C241



00BAFF

Square

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



94C241



00D0F1



B6A2FF



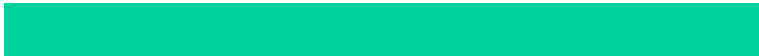
FF8278

Rectangle

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



94C241



00D09E



B6A2FF



FF7CC9

Sweetspot

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



94C241



EAFCCA



C26E41



758061



000000



808080

Same Dimension

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



94C241



B4FC32



54C241



5D6157



67A100



152100

Inverse Universe

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



6F41C2



7B32FC



AF41C2



5B5761



3900A1



0C0021

Previews

White Background



This preview shows how the Hex color 94C241 looks on a white background.

Color Contrast Check

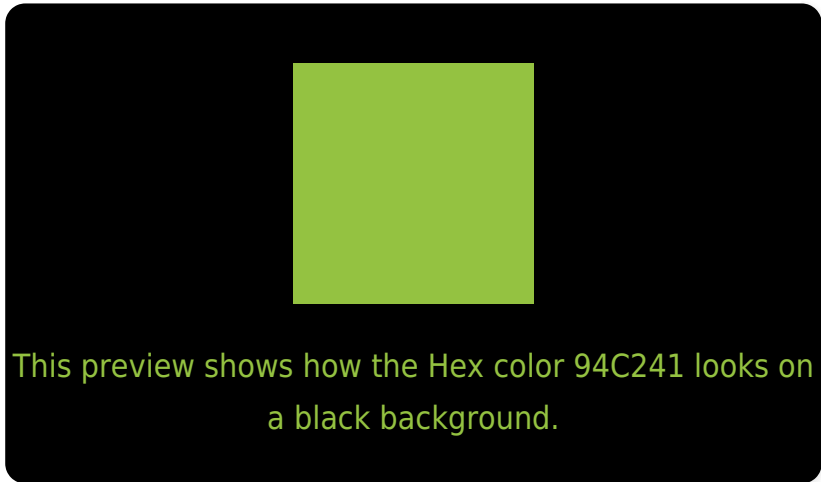
Large Text (above 18pt) WCAG AA × Fail

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 94C241 Background



This preview shows how black text looks on a background with the Hex color 94C241.

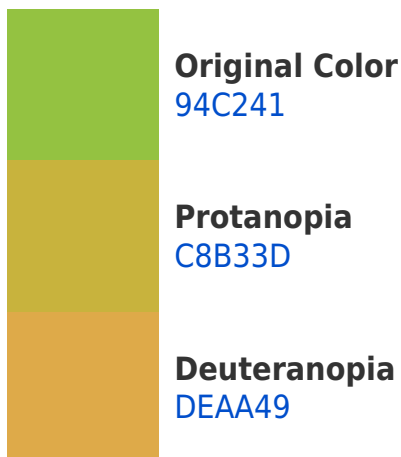


This preview shows how white text looks on a background with the Hex color 94C241.

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](#).

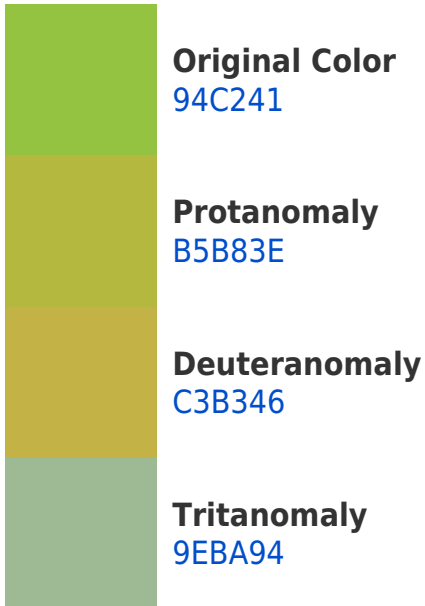
Dichromacy



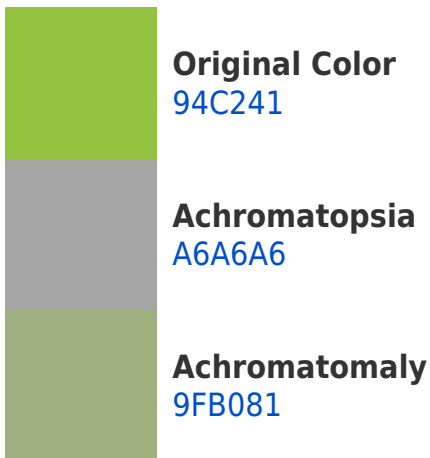


Tritanopia
A4B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94C241 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 #94C241 looks like.

```
.text, #text, p{  
    color:#94C241  
}
```

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 #94C241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C241
}
```

Border

The CSS property to change the border of an element to Hex 94C241 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
#94C241 }
```

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

```
.border{ border-color:#94C241 }
```

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

Here you see how a box with a 4 pixel #94C241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C241; -webkit-box-shadow:4px 4px  
4px 4px #94C241; box-shadow:4px 4px 4px  
4px #94C241 }
```

Background

The CSS property to change the background color of an element to Hex 94C241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C241 }
```

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

```
.background{ background-color:#94C241 }
```

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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