

Converting Colors

Hex(93C222)

Have a look what the booklet for
Hex(93C222) contains.

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Color

Hex(93C222)

Conversions

Conversions Part 1

Format	Color
Hex	93C222
RGB	147, 194, 34
RGB Percent	58%, 76%, 13%
CMY	0.4235, 0.2392, 0.8667
CMYK	0.24, 0.00, 0.82, 0.24
HSL	78°, 70%, 45%
HSV	78°, 82%, 76%
XYZ	31.6131, 44.9021, 8.5142
YIQ	161.7070, 23.3480, -59.7240

Conversions

Conversions Part 2

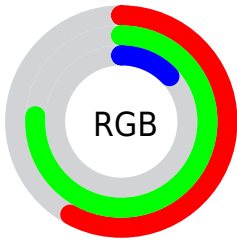
Format	Color
RYB	34, 194, 81
Decimal	9683490
CIELab	72.83, -36.45, 67.63
CIElCh	73, 76.823, 118.323
Yxy	44.9021, 0.3718, 0.5281
Android (android.graphics.Color)	4287873570 (0xFF93C222)
YUV	161.7070, -62.9596, -12.8980
Hunter-Lab	67.0090, -33.0541, 39.3729

Details

The Hex color **93C222** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **5122C2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CDFB5F**, and **5B8C00** is the 20% darker color. If you saturate the color by 10%, you get **8DC20F**, and if you desaturate by 10%, it is **99C235**.

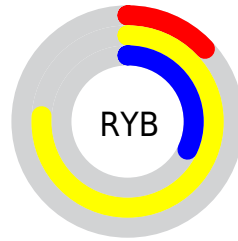
Distribution



Red (58%)

Green (76%)

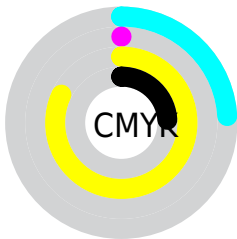
Blue (13%)



Red (13%)

Yellow (76%)

Blue (32%)

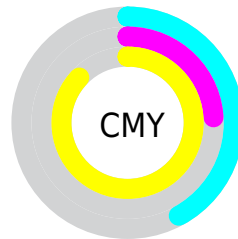


Cyan (24%)

Magenta (0%)

Yellow (82%)

Black (24%)



Cyan (42%)

Magenta (24%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C222 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 93C222 by changing the saturation by 10% instead.

 93C222

 93C222

FFFFFF

 77A700

 CDFB5F

 5B8C00

 EAFF7B

 3F7200

 FFFF97

 215A00

 FFFFB4

 004200

 FFFF00

 002B00

 FFFFEE

 001200

 000000

 93C222

 93C222

■ 8DC20F

■ 99C235

■ 89C200

■ 9EC249

■ A4C25C

■ AAC270

■ AFC283

■ B5C296

■ BBC2AA

■ C1C2BD

■ C6C2D1

Harmonies

Analogous

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



D8AE00



93C222



03CE64

Triad

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



93C222



00CCFF



FF6BBA

Complementary

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



93C222



5122C2

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.



FF81FE



93C222



00BCFF

Square

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



93C222



00D3F4



A9A2FF



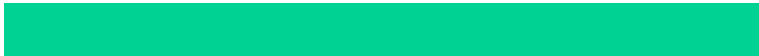
FF7574

Rectangle

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



93C222



00D294



A9A2FF



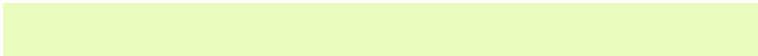
FF70D1

Sweetspot

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



93C222



EAFCBD



C24F22



748059



000000



808080

Same Dimension

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



93C222



B3FC03



45C222



5E6157



71A100



172100

Inverse Universe

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



5122C2



4C03FC



9F22C2



5A5761



2F00A1



0A0021

Previews

White Background



This preview shows how the Hex color 93C222 looks on a white background.

Color Contrast Check

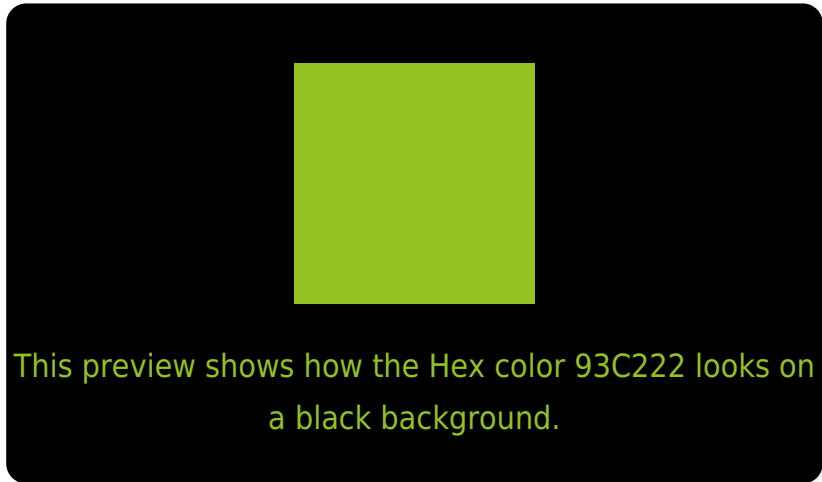
Large Text (above 18pt) WCAG AA × Fail

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 93C222 Background



This preview shows how black text looks on a background with the Hex color 93C222.

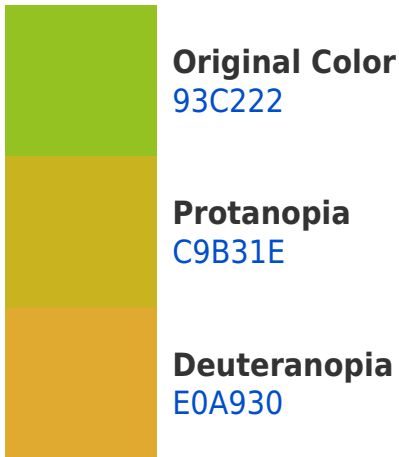


This preview shows how white text looks on a background with the Hex color 93C222.

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](#).

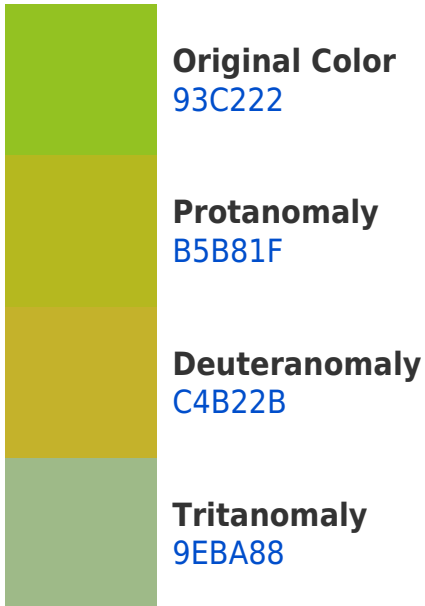
Dichromacy



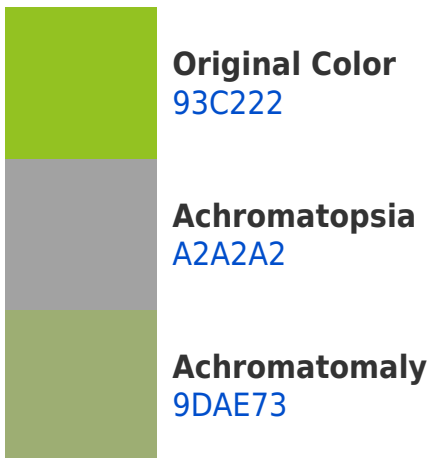


Tritanopia
A4B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C222 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 #93C222 looks like.

```
.text, #text, p{  
    color:#93C222  
}
```

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 #93C222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C222
}
```

Border

The CSS property to change the border of an element to Hex 93C222 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
#93C222 }
```

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

```
.border{ border-color:#93C222 }
```

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

Here you see how a box with a 4 pixel #93C222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C222; -webkit-box-shadow:4px 4px  
4px 4px #93C222; box-shadow:4px 4px 4px  
4px #93C222 }
```

Background

The CSS property to change the background color of an element to Hex 93C222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C222 }
```

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

```
.background{ background-color:#93C222 }
```

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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