

Converting Colors

Hex(93CC00)

Have a look what the booklet for
Hex(93CC00) contains.

Hex(93CC00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93CC00)

Conversions

Conversions Part 1

Format	Color
Hex	93CC00
RGB	147, 204, 0
RGB Percent	58%, 80%, 0%
CMY	0.4235, 0.2000, 1.0000
CMYK	0.28, 0.00, 1.00, 0.20
HSL	77°, 100%, 40%
HSV	77°, 100%, 80%
XYZ	33.6255, 49.3888, 7.7607
YIQ	163.7010, 31.5120, -75.5280

Conversions

Conversions Part 2

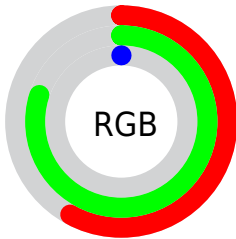
Format	Color
RYB	0, 204, 57
Decimal	9686016
CIELab	75.69, -41.60, 75.17
CIELCh	76, 85.910, 118.961
Yxy	49.3888, 0.3704, 0.5441
Android (android.graphics.Color)	4287876096 (0xFF93CC00)
YUV	163.7010, -80.7046, -14.6468
Hunter-Lab	70.2771, -37.5782, 42.6466

Details

The Hex color **93CC00** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3900CC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CEFF53**, and **599500** is the 20% darker color. If you saturate the color by 10%, you get **93CC00**, and if you desaturate by 10%, it is **99CC14**.

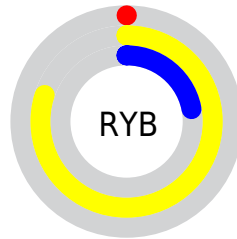
Distribution



Red (58%)

Green (80%)

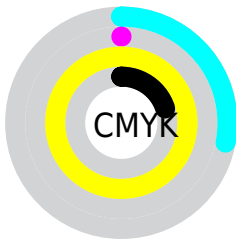
Blue (0%)



Red (0%)

Yellow (80%)

Blue (22%)

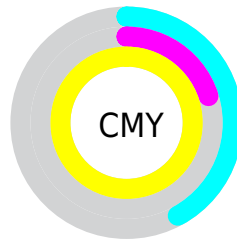


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (42%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93CC00 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 93CC00 by changing the saturation by 10% instead.

 93CC00

 93CC00

FFFFFF

 76B000

 CEFF53

 599500

 ECFF70

 3C7B00

 FFFF8D

 1A6200

 FFFFAA

 004A00

 FFFFC7

 003200

 FFFF E5

 001C00

 000000

 93CC00

 99CC14

 9ECC29

 A4CC3D

 AACC52

 B0CC66

 B5CC7A

 BBCC8F

 C1CCA3

 C6CCB8

Harmonies

Analogous

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



E1B600



93CC00



00D863

Triad

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



93CC00



00D7FF



FF65C1

Complementary

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



93CC00



3900CC

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.



FF7FFF



93CC00



00C5FF

Square

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



93CC00



00DEFF



B0A7FF



FF7273

Rectangle

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



93CC00



00DD99



B0A7FF



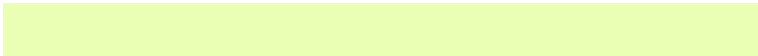
FF6ADB

Sweetspot

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



93CC00



EAFFB3



CC3600



738052



000000



808080

Same Dimension

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



93CC00



B8FF00



30CC00



63665C



77A600



1C2600

Inverse Universe

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



3900CC



4700FF



9C00CC



5F5C66



2E00A6



0B0026

Previews

White Background



This preview shows how the Hex color 93CC00 looks on a white background.

Color Contrast Check

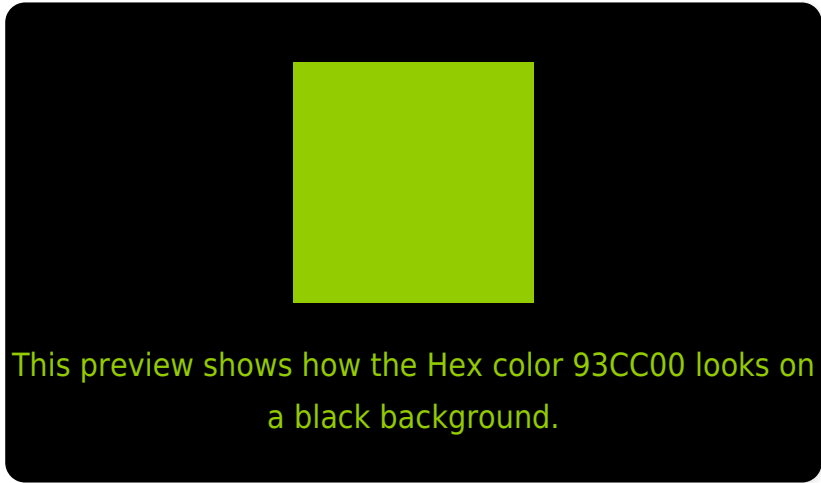
Large Text (above 18pt) WCAG AA × Fail

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 93CC00 Background



This preview shows how black text looks on a background with the Hex color 93CC00.

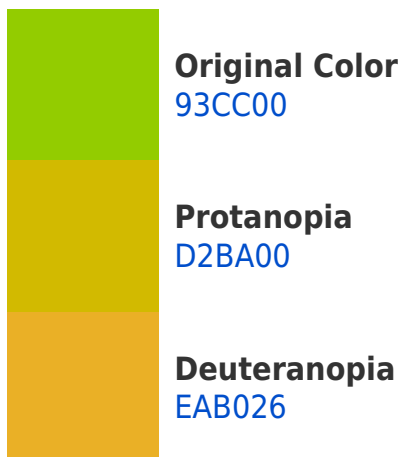


This preview shows how white text looks on a background with the Hex color 93CC00.

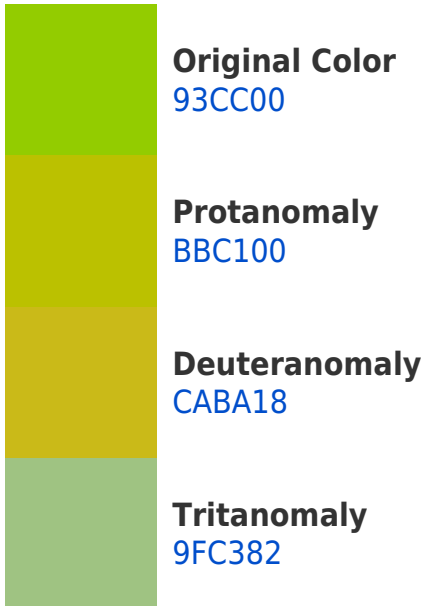
Color Blindness Simulation

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](#).

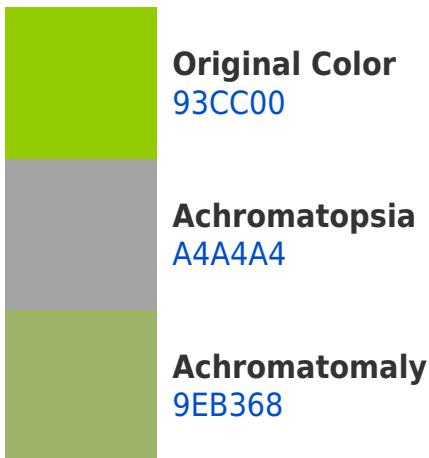
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93CC00 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 #93CC00 looks like.

```
.text, #text, p{  
    color:#93CC00  
}
```

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 #93CC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CC00
}
```

Border

The CSS property to change the border of an element to Hex 93CC00 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
#93CC00 }
```

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

```
.border{ border-color:#93CC00 }
```

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

Here you see how a box with a 4 pixel #93CC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CC00; -webkit-box-shadow:4px 4px  
4px 4px #93CC00; box-shadow:4px 4px 4px  
4px #93CC00 }
```

Background

The CSS property to change the background color of an element to Hex 93CC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CC00 }
```

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

```
.background{ background-color:#93CC00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor