

Converting Colors

Hex(99CC06)

Have a look what the booklet for
Hex(99CC06) contains.

Hex(99CC06)	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(99CC06)

Conversions

Conversions Part 1

Format	Color
Hex	99CC06
RGB	153, 204, 6
RGB Percent	60%, 80%, 2%
CMY	0.4000, 0.2000, 0.9765
CMYK	0.25, 0.00, 0.97, 0.20
HSL	75°, 94%, 41%
HSV	75°, 97%, 80%
XYZ	34.7626, 49.9712, 7.9855
YIQ	166.1790, 33.1620, -72.3900

Conversions

Conversions Part 2

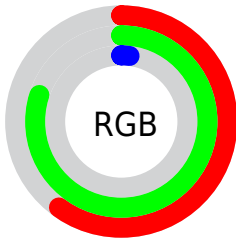
Format	Color
RYB	6, 204, 57
Decimal	10079238
CIELab	76.05, -39.20, 74.99
CIELCh	76, 84.622, 117.599
Yxy	49.9712, 0.3749, 0.5390
Android (android.graphics.Color)	4288269318 (0xFF99CC06)
YUV	166.1790, -78.9682, -11.5580
Hunter-Lab	70.6903, -35.9290, 42.7855

Details

The Hex color **99CC06** 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 **3906CC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D4FF55**, and **609600** is the 20% darker color. If you saturate the color by 10%, you get **97CC00**, and if you desaturate by 10%, it is **9ECC1A**.

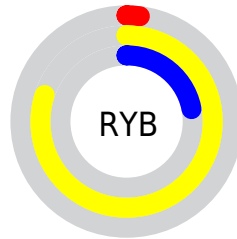
Distribution



Red (60%)

Green (80%)

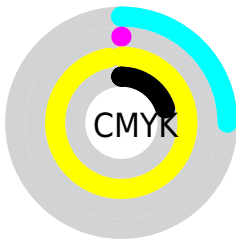
Blue (2%)



Red (2%)

Yellow (80%)

Blue (22%)

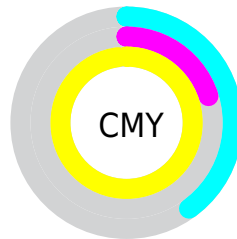


Cyan (25%)

Magenta (0%)

Yellow (97%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99CC06 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 99CC06 by changing the saturation by 10% instead.

 99CC06

 99CC06

FFFFFF

 7CB000

 D4FF55

 609600

 F2FF72

 437B00

 FFFF8F

 246200

 FFFFAC

 004A00

 FFFFC9

 003200

 FFFF8F

 001D00

 000000

 99CC06

 99CC06

■ 97CC00

■ 9ECC1A

■ A4CC2F

■ A9CC43

■ AECC58

■ B3CC6C

■ B9CC80

■ BECC95

■ C3CCA9

■ C8CCBE

Harmonies

Analogous

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



E5B600



99CC06



00D962

Triad

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



99CC06



00D8FF



FF69C5

Complementary

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



99CC06



3906CC

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.



FF84FF



99CC06



00C7FF

Square

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



99CC06



00DFFF



ABA9FF



FF7478

Rectangle

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



99CC06



00DD97



ABA9FF



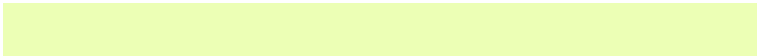
FF6EDF

Sweetspot

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



99CC06



ECFFB5



CC3806



748053



000000



808080

Same Dimension

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



99CC06



BDF00



38CC06



63665C



7BA600



1C2600

Inverse Universe

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



3906CC



4200FF



9B06CC



5E5C66



2B00A6



0A0026

Previews

White Background



This preview shows how the Hex color 99CC06 looks on a white background.

Color Contrast Check

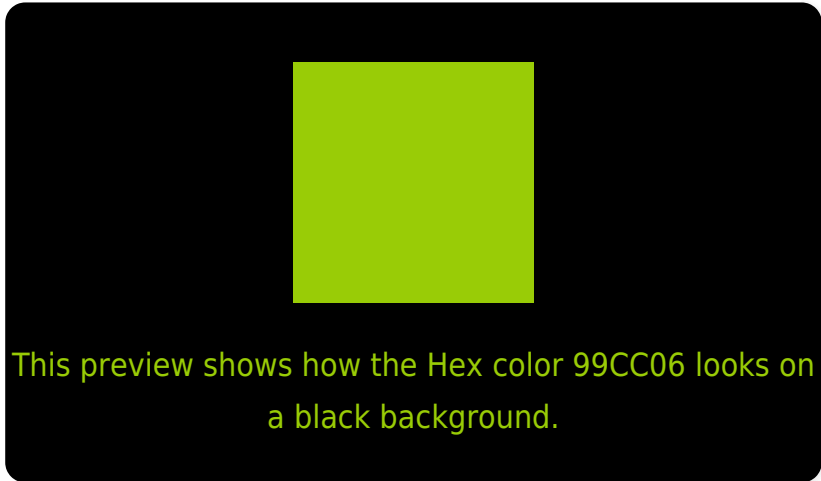
Large Text (above 18pt) WCAG AA × Fail

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 99CC06 Background



This preview shows how black text looks on a background with the Hex color 99CC06.



This preview shows how white text looks on a background with the Hex color 99CC06.

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

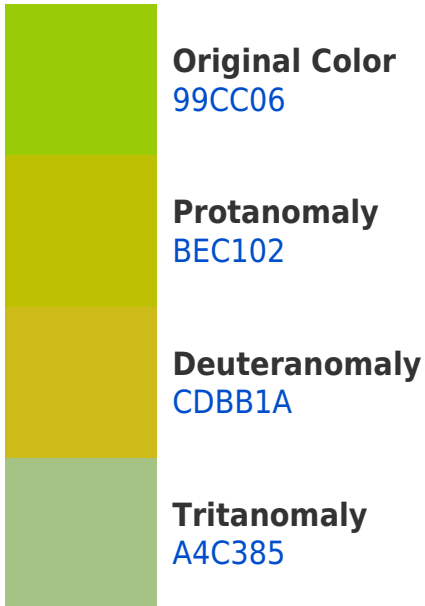


Original Color
99CC06

Protanopia
D3BB00

Deuteranopia
EBB126

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99CC06 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 #99CC06 looks like.

```
.text, #text, p{  
    color:#99CC06  
}
```

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 #99CC06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99CC06
}
```

Border

The CSS property to change the border of an element to Hex 99CC06 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
#99CC06 }
```

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

```
.border{ border-color:#99CC06 }
```

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

Here you see how a box with a 4 pixel #99CC06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99CC06; -webkit-box-shadow:4px 4px  
4px 4px #99CC06; box-shadow:4px 4px 4px  
4px #99CC06 }
```

Background

The CSS property to change the background color of an element to Hex 99CC06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99CC06 }
```

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

```
.background{ background-color:#99CC06 }
```

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