

Converting Colors

Hex(9BBE03)

Have a look what the booklet for
Hex(9BBE03) contains.

Hex(9BBE03)	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(9BBE03)

Conversions

Conversions Part 1

Format	Color
Hex	9BBE03
RGB	155, 190, 3
RGB Percent	61%, 75%, 1%
CMY	0.3922, 0.2549, 0.9882
CMYK	0.18, 0.00, 0.98, 0.25
HSL	71°, 97%, 38%
HSV	71°, 98%, 75%
XYZ	31.9475, 43.8020, 6.8570
YIQ	158.2170, 39.1670, -65.5770

Conversions

Conversions Part 2

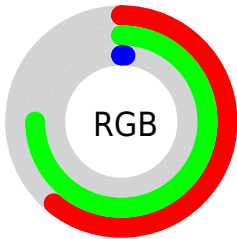
Format	Color
R _Y B	3, 190, 38
Decimal	10206723
CIE Lab	72.10, -32.08, 72.32
CIE LCh	72, 79.114, 113.921
Yxy	43.8020, 0.3867, 0.5302
Android (android.graphics.Color)	4288396803 (0xFF9BBE03)
YUV	158.2170, -76.5220, -2.8213
Hunter-Lab	66.1831, -29.6562, 40.1854

Details

The Hex color **9BBE03** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **2603BE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D5F651**, and **628900** is the 20% darker color. If you saturate the color by 10%, you get **9ABE00**, and if you desaturate by 10%, it is **9FBE16**.

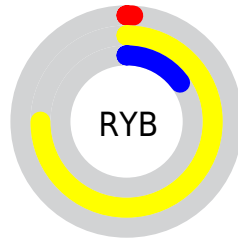
Distribution



Red (61%)

Green (75%)

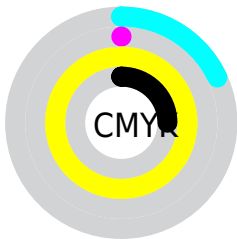
Blue (1%)



Red (1%)

Yellow (75%)

Blue (15%)

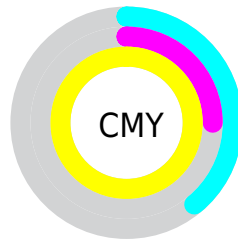


Cyan (18%)

Magenta (0%)

Yellow (98%)

Black (25%)



Cyan (39%)

Magenta (25%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BBE03 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 9BBE03 by changing the saturation by 10% instead.

 9BBE03

 9BBE03

FFFFFF

 7FA300

 D5F651

 628900

 F3FF6E

 476F00

 FFFF8B

 2A5600

 FFFFA7

 083F00

 FFFFC4

 002900

 FFFFE1

 000E00

 000000

 9BBE03

 9BBE03

■ 9ABE00

■ 9FBE16

■ A2BE29

■ A6BE3C

■ A9BE4F

■ ADBE62

■ B0BE75

■ B4BE88

■ B7BE9B

■ BBBEAE

Harmonies

Analogous

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



DFA800



9BBE03



2ACB56

Triad

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



9BBE03



00CCFF



FF67C3

Complementary

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



9BBE03



2603BE

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.



F982FF



9BBE03



00BEFF

Square

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



9BBE03



00D2E9



91A4FF



FF6C7B

Rectangle

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



9BBE03



00D086



91A4FF



FF6DDB

Sweetspot

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



9BBE03



E9F7AD



BE2503



757D50



FCFCFC



7D7D7D

Same Dimension

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



9BBE03



C9F700



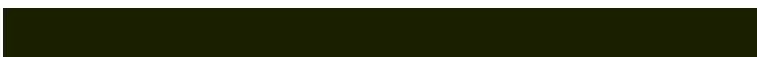
3EBE03



5D5E55



819E00



191F00

Inverse Universe

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



2603BE



2E00F7



8303BE



57555E



1E009E



06001F

Previews

White Background



This preview shows how the Hex color 9BBE03 looks on a white background.

Color Contrast Check

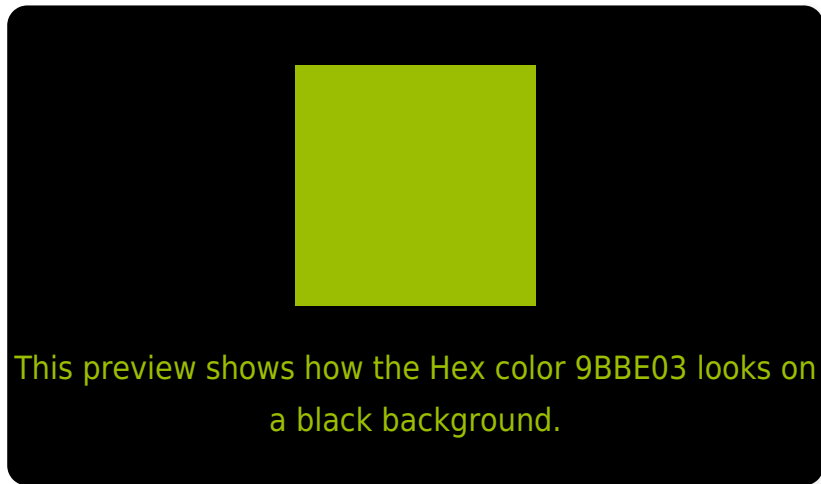
Large Text (above 18pt) WCAG AA × Fail

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 9BBE03 Background



This preview shows how black text looks on a background with the Hex color 9BBE03.



This preview shows how white text looks on a background with the Hex color 9BBE03.

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

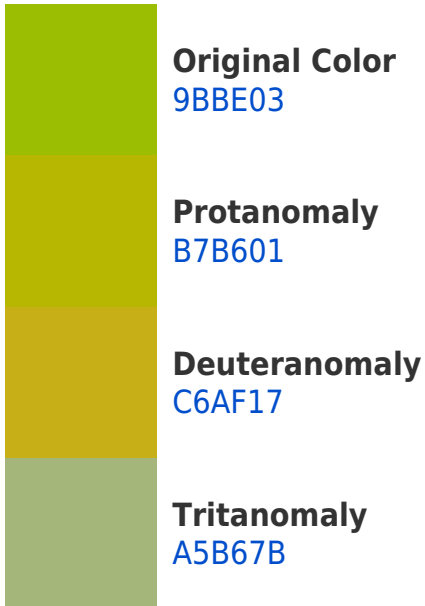


Original Color
9BBE03

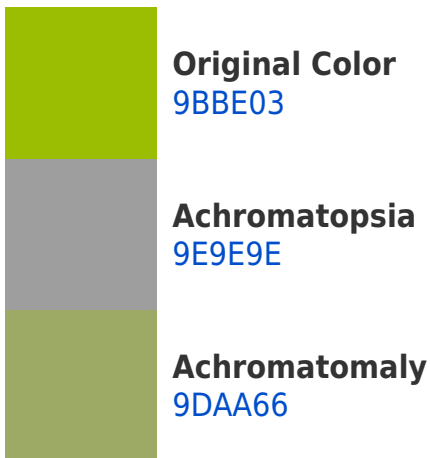
Protanopia
C7B100

Deuteranopia
DEA722

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BBE03 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 #9BBE03 looks like.

```
.text, #text, p{  
    color:#9BBE03  
}
```

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 #9BBE03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BBE03
}
```

Border

The CSS property to change the border of an element to Hex 9BBE03 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
#9BBE03 }
```

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

```
.border{ border-color:#9BBE03 }
```

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

Here you see how a box with a 4 pixel #9BBE03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BBE03; -webkit-box-shadow:4px 4px  
4px 4px #9BBE03; box-shadow:4px 4px 4px  
4px #9BBE03 }
```

Background

The CSS property to change the background color of an element to Hex 9BBE03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BBE03 }
```

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

```
.background{ background-color:#9BBE03 }
```

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