

# Converting Colors

Hex(9FCB00)

Have a look what the booklet for  
Hex(9FCB00) contains.

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**Color**

**Hex(9FCB00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FCB00
RGB	159, 203, 0
RGB Percent	62%, 80%, 0%
CMY	0.3765, 0.2039, 1.0000
CMYK	0.22, 0.00, 1.00, 0.20
HSL	73°, 100%, 40%
HSV	73°, 100%, 80%
XYZ	35.6540, 50.0828, 7.7878
YIQ	166.7020, 38.9390, -72.4610

# Conversions

## Conversions Part 2

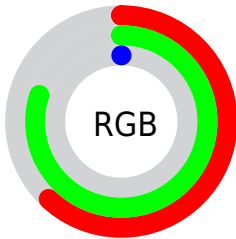
Format	Color
<a href="#">RYB</a>	<a href="#">0, 203, 44</a>
Decimal	<a href="#">10472192</a>
CIELab	<a href="#">76.12, -36.47, 75.81</a>
CIELCh	<a href="#">76, 84.124, 115.690</a>
Yxy	<a href="#">50.0828, 0.3812, 0.5355</a>
Android (android.graphics.Color)	<a href="#">4288662272 (0xFF9FCB00)</a>
YUV	<a href="#">166.7020, -82.1841, -6.7547</a>
Hunter-Lab	<a href="#">70.7692, -33.9166, 43.0139</a>

# Details

The Hex color **9FCB00** 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 **2C00CB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **DAFF53**, and **669500** is the 20% darker color. If you saturate the color by 10%, you get **9FCB00**, and if you desaturate by 10%, it is **A3CB14**.

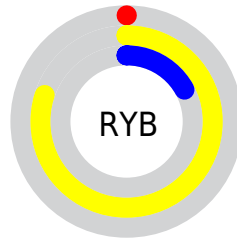
# Distribution



Red (62%)

Green (80%)

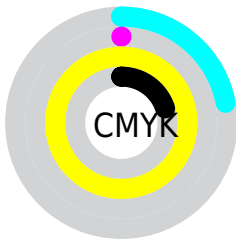
Blue (0%)



Red (0%)

Yellow (80%)

Blue (17%)

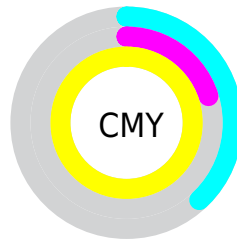


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FCB00 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 9FCB00 by changing the saturation by 10% instead.



 9FCB00

 9FCB00

FFFFFF

 82AF00

 DAFF53

 669500

 F8FF71

 497B00

 FFFF8D

 2C6200

 FFFFAA

 054900

 FFFFC7

 003200

 FFFF E5

 001E00

 000000

 9FCB00

 A3CB14

 A8CB29

 ACCB3D

 B1CB51

 B5CB66

 B9CB7A

 BECB8E

 C2CBA2

 C7CBB7

# Harmonies

## Analogous

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



EAB400



9FCB00



08D85E

# Triad

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



9FCB00



00D9FF



FF6ACA

# Complementary

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



9FCB00



2C00CB

# 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.



FF87FF



9FCB00



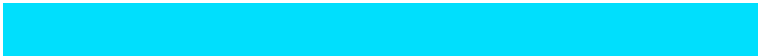
00C8FF

# Square

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



9FCB00



00DDFF



A2ACFF



FF737D

# Rectangle

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



9FCB00



00DD92



A2ACFF



FF71E4

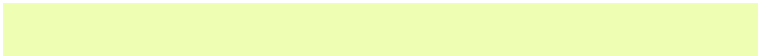


# Sweetspot

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



9FCB00



EEFFB3



CB2C00



768052



000000



808080



# Same Dimension

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



9FCB00



C8FF00



3ACB00



64665C



82A600



1E2600



# Inverse Universe

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



2C00CB



3700FF



9100CB



5E5C66



2400A6



080026



# Previews

## White Background



This preview shows how the Hex color 9FCB00 looks on a white background.

## Color Contrast Check

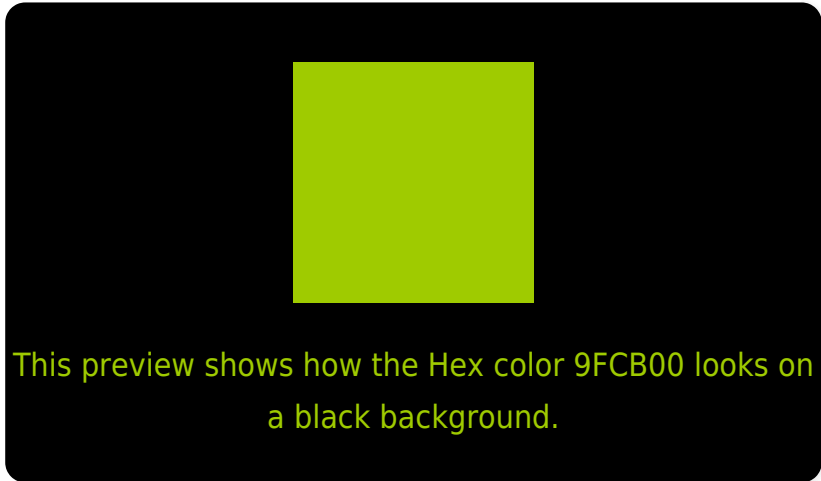
Large Text (above 18pt) WCAG AA × Fail

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 9FCB00 Background



This preview shows how black text looks on a background with the Hex color 9FCB00.

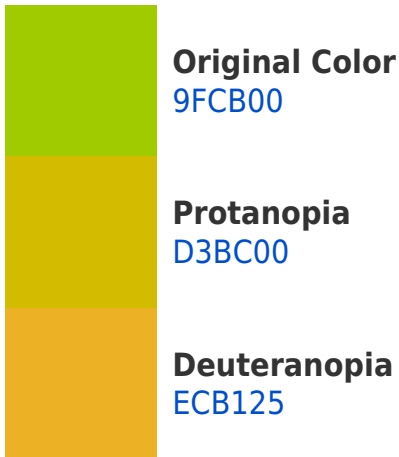


This preview shows how white text looks on a background with the Hex color 9FCB00.

# 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



**Original Color**  
9FCB00

**Protanomaly**  
C0C100

**Deuteranomaly**  
D0BA18

**Tritanomaly**  
AAC282

# Monochromacy



**Original Color**  
9FCB00

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A4B46A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FCB00 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 #9FCB00 looks like.

```
.text, #text, p{  
    color:#9FCB00  
}
```

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 #9FCB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FCB00
}
```

## Border

The CSS property to change the border of an element to Hex 9FCB00 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
#9FCB00 }
```

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

```
.border{ border-color:#9FCB00 }
```

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

Here you see how a box with a 4 pixel #9FCB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FCB00; -webkit-box-shadow:4px 4px  
4px 4px #9FCB00; box-shadow:4px 4px 4px  
4px #9FCB00 }
```

# Background

The CSS property to change the background color of an element to Hex 9FCB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FCB00 }
```

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

```
.background{ background-color:#9FCB00 }
```

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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