

# Converting Colors

Hex(90C919)

Have a look what the booklet for  
Hex(90C919) contains.

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**Color**

**Hex(90C919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90C919
RGB	144, 201, 25
RGB Percent	56%, 79%, 10%
CMY	0.4353, 0.2118, 0.9020
CMYK	0.28, 0.00, 0.88, 0.21
HSL	79°, 78%, 44%
HSV	79°, 88%, 79%
XYZ	32.5637, 47.7728, 8.4245
YIQ	163.8930, 22.5240, -66.8200

# Conversions

## Conversions Part 2

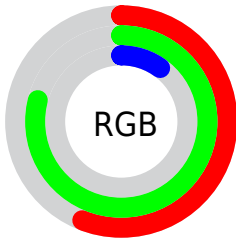
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 201, 82
Decimal	9488665
CIELab	74.68, -41.00, 71.12
CIELCh	75, 82.096, 119.963
Yxy	47.7728, 0.3669, 0.5382
Android (android.graphics.Color)	4287678745 (0xFF90C919)
YUV	163.8930, -68.4742, -17.4462
Hunter-Lab	69.1178, -36.8590, 41.1559

# Details

The Hex color **90C919** 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 **5219C9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CAFF5B**, and **579300** is the 20% darker color. If you saturate the color by 10%, you get **89C905**, and if you desaturate by 10%, it is **97C92D**.

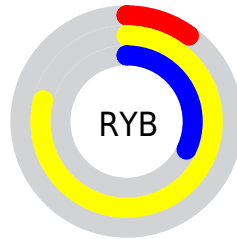
# Distribution



Red (56%)

Green (79%)

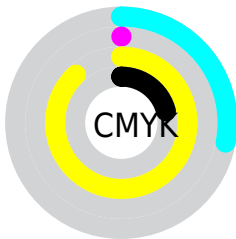
Blue (10%)



Red (10%)

Yellow (79%)

Blue (32%)

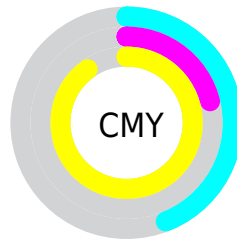


Cyan (28%)

Magenta (0%)

Yellow (88%)

Black (21%)



Cyan (44%)

Magenta (21%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90C919 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 90C919 by changing the saturation by 10% instead.



 90C919

 90C919

FFFFFF

 73AD00

 CAFF5B

 579300

 E8FF78

 3A7900

 FFFF94

 195F00

 FFFFB1

 004700

 FFFFCE

 003000

 FFFFEB

 001900

 000000

 90C919

 90C919

■ 89C905

■ 97C92D

■ 88C900

■ 9DC941

■ A4C955

■ AAC969

■ B1C97E

■ B7C992

■ BEC9A6

■ C4C9BA

■ CBC9CE

# Harmonies

## Analogous

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



DBB400



90C919



00D567

# Triad

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



90C919



00D2FF



FF68BB

# Complementary

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



90C919



5219C9

# 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



90C919



00C1FF

# Square

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



90C919



00DAFF



B3A4FF



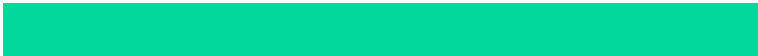
FF7571

# Rectangle

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



90C919



00D99B



B3A4FF



FF6CD5

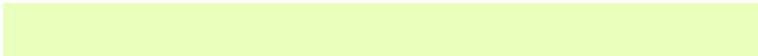


# Sweetspot

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



90C919



EAFFBD



C95119



738058



000000



808080



# Same Dimension

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



90C919



ACFF00



39C919



60635A



6EA300



182400



# Inverse Universe

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



5219C9



5300FF



A919C9



5D5A63



3500A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 90C919 looks on a white background.

## Color Contrast Check

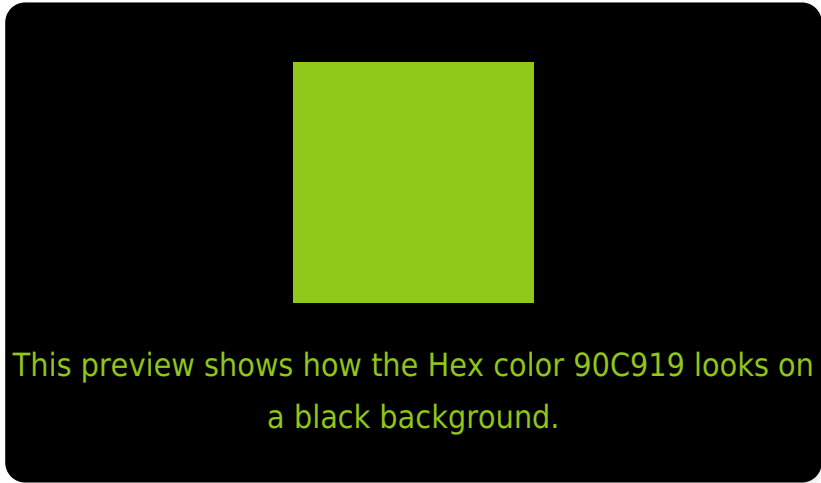
Large Text (above 18pt) WCAG AA × Fail

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 90C919 Background



This preview shows how black text looks on a background with the Hex color 90C919.



This preview shows how white text looks on a background with the Hex color 90C919.

# 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**  
90C919

**Protanopia**  
CEB713

**Deuteranopia**  
E6AE2C



# Trichromacy



**Original Color**  
90C919

**Protanomaly**  
B7BE15

**Deuteranomaly**  
C7B825

**Tritanomaly**  
9CC08A

# Monochromacy



**Original Color**  
90C919

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
9DB171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90C919 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 #90C919 looks like.

```
.text, #text, p{  
    color:#90C919  
}
```

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 #90C919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C919
}
```

## Border

The CSS property to change the border of an element to Hex 90C919 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
#90C919 }
```

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

```
.border{ border-color:#90C919 }
```

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

Here you see how a box with a 4 pixel #90C919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C919; -webkit-box-shadow:4px 4px  
4px 4px #90C919; box-shadow:4px 4px 4px  
4px #90C919 }
```

# Background

The CSS property to change the background color of an element to Hex 90C919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C919 }
```

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

```
.background{ background-color:#90C919 }
```

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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