

Converting Colors

Hex(90CC00)

Have a look what the booklet for
Hex(90CC00) contains.

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Color

Hex(90CC00)

Conversions

Conversions Part 1

Format	Color
Hex	90CC00
RGB	144, 204, 0
RGB Percent	56%, 80%, 0%
CMY	0.4353, 0.2000, 1.0000
CMYK	0.29, 0.00, 1.00, 0.20
HSL	78°, 100%, 40%
HSV	78°, 100%, 80%
XYZ	33.0945, 49.1150, 7.7359
YIQ	162.8040, 29.7240, -76.1640

Conversions

Conversions Part 2

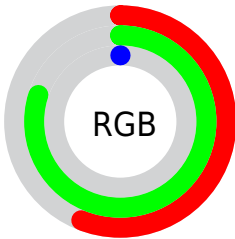
Format	Color
RYB	0, 204, 60
Decimal	9489408
CIELab	75.52, -42.74, 74.96
CIELCh	76, 86.290, 119.689
Yxy	49.1150, 0.3679, 0.5461
Android (android.graphics.Color)	4287679488 (0xFF90CC00)
YUV	162.8040, -80.2624, -16.4911
Hunter-Lab	70.0821, -38.3517, 42.5129

Details

The Hex color **90CC00** 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 **3C00CC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CBFF53**, and **569500** is the 20% darker color. If you saturate the color by 10%, you get **90CC00**, and if you desaturate by 10%, it is **96CC14**.

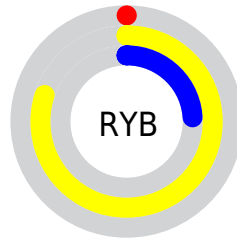
Distribution



Red (56%)

Green (80%)

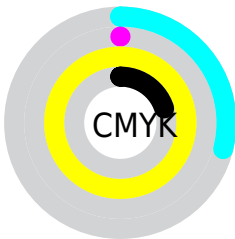
Blue (0%)



Red (0%)

Yellow (80%)

Blue (24%)

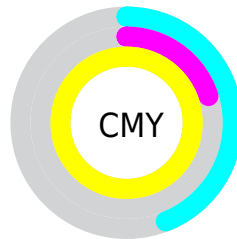


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90CC00 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 90CC00 by changing the saturation by 10% instead.

 90CC00

 90CC00

FFFFFF

 73B000

 CBFF53

 569500

 E8FF70

 397B00

 FFFF8D

 156200

 FFFFAA

 004900

 FFFFC7

 003200

 FFFF E5

 001C00

 000000

 90CC00

 96CC14

 9CCC29

 A2CC3D

 A8CC52

 AECC66

 B4CC7A

 BACC8F

 C0CCA3

 C6CCB8

Harmonies

Analogous

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



DFB600



90CC00



00D864

Triad

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



90CC00



00D6FF



FF63BE

Complementary

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



90CC00



3C00CC

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.



FF7EFF



90CC00



00C4FF

Square

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



90CC00



00DDFF



B3A5FF



FF7270

Rectangle

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



90CC00



00DC9B



B3A5FF



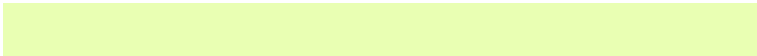
FF68D9

Sweetspot

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



90CC00



E9FFB3



CC3A00



728052



000000



808080

Same Dimension

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



90CC00



B4FF00



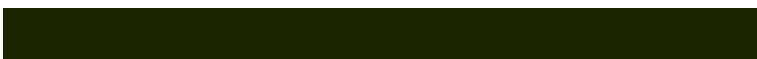
2CCC00



63665C



75A600



1B2600

Inverse Universe

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



3C00CC



4B00FF



A000CC



5F5C66



3100A6



0B0026

Previews

White Background



This preview shows how the Hex color 90CC00 looks on a white background.

Color Contrast Check

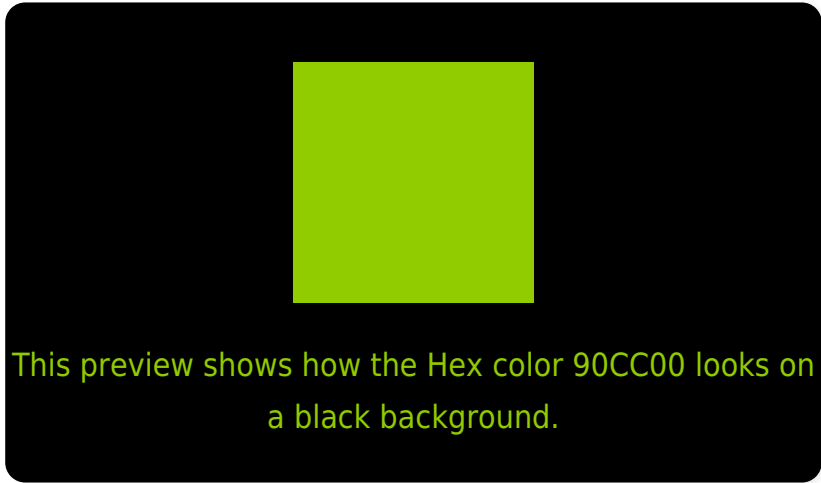
Large Text (above 18pt) WCAG AA × Fail

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 90CC00 Background



This preview shows how black text looks on a background with the Hex color 90CC00.



This preview shows how white text looks on a background with the Hex color 90CC00.

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

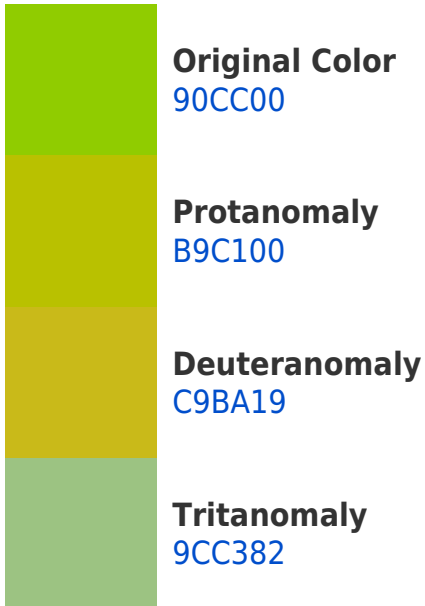


Original Color
90CC00

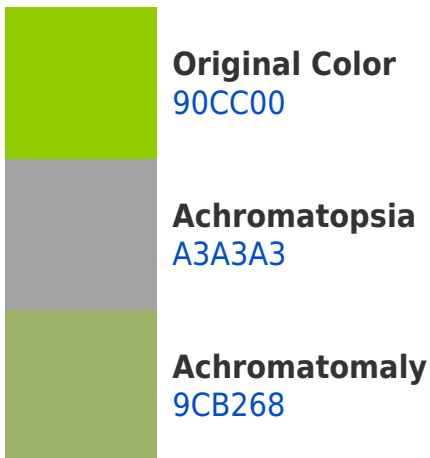
Protanopia
D1BA00

Deuteranopia
E9B027

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90CC00 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 #90CC00 looks like.

```
.text, #text, p{  
    color:#90CC00  
}
```

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 #90CC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90CC00
}
```

Border

The CSS property to change the border of an element to Hex 90CC00 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
#90CC00 }
```

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

```
.border{ border-color:#90CC00 }
```

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

Here you see how a box with a 4 pixel #90CC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90CC00; -webkit-box-shadow:4px 4px  
4px 4px #90CC00; box-shadow:4px 4px 4px  
4px #90CC00 }
```

Background

The CSS property to change the background color of an element to Hex 90CC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90CC00 }
```

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

```
.background{ background-color:#90CC00 }
```

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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