

Converting Colors

Hex(90CB51)

Have a look what the booklet for
Hex(90CB51) contains.

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Color

Hex(90CB51)

Conversions

Conversions Part 1

Format	Color
Hex	90CB51
RGB	144, 203, 81
RGB Percent	56%, 80%, 32%
CMY	0.4353, 0.2039, 0.6824
CMYK	0.29, 0.00, 0.60, 0.20
HSL	89°, 54%, 56%
HSV	89°, 60%, 80%
XYZ	34.3427, 49.2352, 15.4779
YIQ	171.4510, 3.9980, -50.4500

Conversions

Conversions Part 2

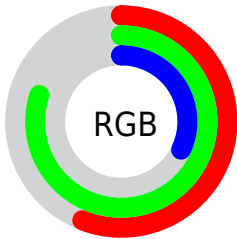
Format	Color
RYB	81, 203, 140
Decimal	9489233
CIELab	75.60, -38.69, 53.55
CIELCh	76, 66.064, 125.851
Yxy	49.2352, 0.3467, 0.4970
Android (android.graphics.Color)	4287679313 (0xFF90CB51)
YUV	171.4510, -44.5923, -24.0745
Hunter-Lab	70.1678, -35.4292, 36.0391

Details

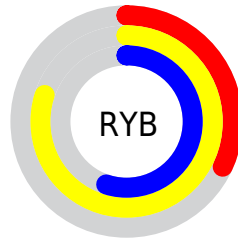
The Hex color **90CB51** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8C51CB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C9FF86**, and **599419** is the 20% darker color. If you saturate the color by 10%, you get **86CB3D**, and if you desaturate by 10%, it is **9ACB65**.

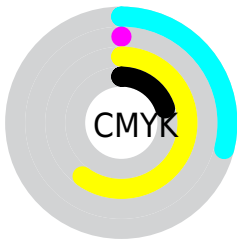
Distribution



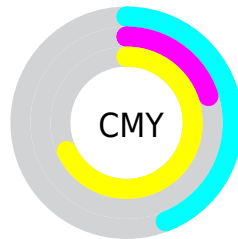
- Red (56%)
- Green (80%)
- Blue (32%)



- Red (32%)
- Yellow (80%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90CB51 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 90CB51 by changing the saturation by 10% instead.

 90CB51

 90CB51

FFFFFF

 74AF36

 C9FF86

 599419

 E6FFA2

 3E7A00

 FFFFBE

 206100

 FFFFDA

 004900

 FFFFF8

 003100

 001C00

 000000

 90CB51

 90CB51

 86CB3D

 9ACB65

 7CCB28

 A4CB7A

 73CB14

 ADCB8E

 69CB00

 B7CBA2

 C1CBB7

 CBCBCB

 D5CBDF

 DFCBF3

 E8CBFF

Harmonies

Analogous

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



D0BB36



90CB51



1FD486

Triad

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



90CB51



00CEFF



FF82B1

Complementary

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



90CB51



8C51CB

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.



FF8DED



90CB51



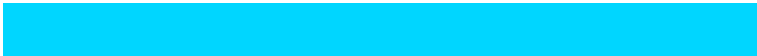
50BDFF

Square

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



90CB51



00D6FF



CDA5FF



FF8E76

Rectangle

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



90CB51



00D7AF



CDA5FF



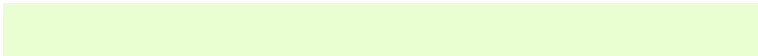
FF83C5

Sweetspot

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



90CB51



E9FFD1



CB8C51



728063



000000



808080

Same Dimension

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



90CB51



A6FF47



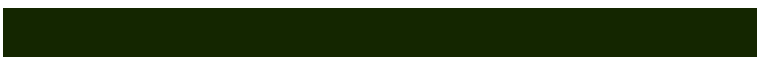
53CB51



61665C



56A600



142600

Inverse Universe

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



8C51CB



A047FF



C951CB



615C66



5000A6



120026

Previews

White Background



This preview shows how the Hex color 90CB51 looks on a white background.

Color Contrast Check

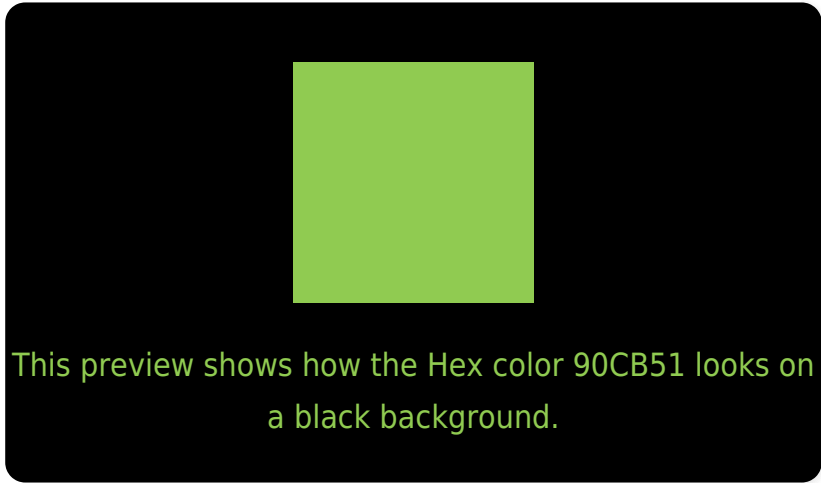
Large Text (above 18pt) WCAG AA × Fail

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 90CB51 Background



This preview shows how black text looks on a background with the Hex color 90CB51.

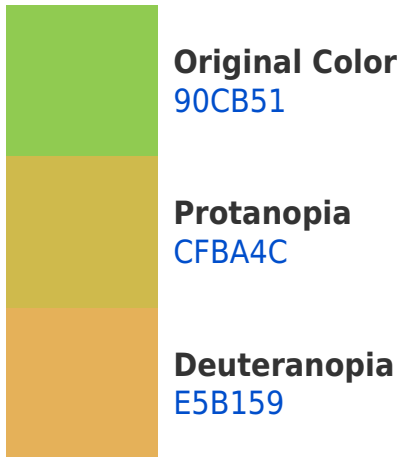


This preview shows how white text looks on a background with the Hex color 90CB51.

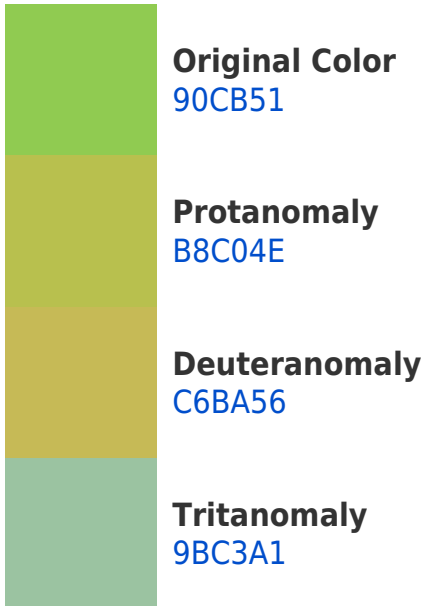
Color Blindness Simulation

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](#).

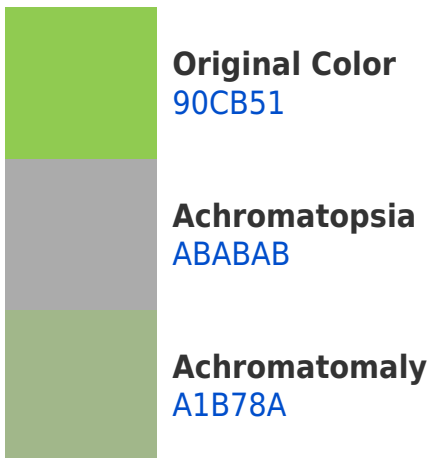
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90CB51 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 #90CB51 looks like.

```
.text, #text, p{  
    color:#90CB51  
}
```

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 #90CB51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90CB51
}
```

Border

The CSS property to change the border of an element to Hex 90CB51 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
#90CB51 }
```

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

```
.border{ border-color:#90CB51 }
```

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

Here you see how a box with a 4 pixel #90CB51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90CB51; -webkit-box-shadow:4px 4px  
4px 4px #90CB51; box-shadow:4px 4px 4px  
4px #90CB51 }
```

Background

The CSS property to change the background color of an element to Hex 90CB51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90CB51 }
```

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

```
.background{ background-color:#90CB51 }
```

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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