

# Converting Colors

Hex(90BB27)

Have a look what the booklet for  
Hex(90BB27) contains.

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**Color**

**Hex(90BB27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90BB27
RGB	144, 187, 39
RGB Percent	56%, 73%, 15%
CMY	0.4353, 0.2667, 0.8471
CMYK	0.23, 0.00, 0.79, 0.27
HSL	77°, 65%, 44%
HSV	77°, 79%, 73%
XYZ	29.6381, 41.6164, 8.3901
YIQ	157.2710, 21.8800, -55.1440

# Conversions

## Conversions Part 2

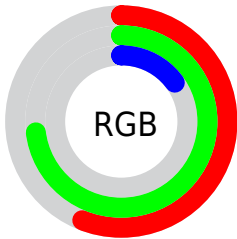
Format	Color
<a href="#">RYB</a>	<a href="#">39, 187, 82</a>
Decimal	<a href="#">9485095</a>
CIELab	<a href="#">70.61, -34.24, 64.21</a>
CIElCh	<a href="#">71, 72.772, 118.069</a>
Yxy	<a href="#">41.6164, 0.3721, 0.5225</a>
Android (android.graphics.Color)	<a href="#">4287675175 (0xFF90BB27)</a>
YUV	<a href="#">157.2710, -58.3076, -11.6387</a>
Hunter-Lab	<a href="#">64.5108, -30.8858, 37.4464</a>

# Details

The Hex color **90BB27** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5227BB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C9F361**, and **588600** is the 20% darker color. If you saturate the color by 10%, you get **8BBB14**, and if you desaturate by 10%, it is **95BB3A**.

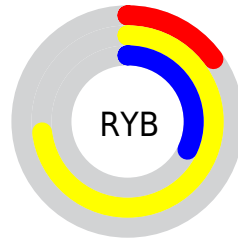
# Distribution



Red (56%)

Green (73%)

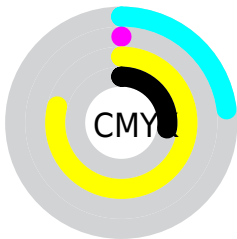
Blue (15%)



Red (15%)

Yellow (73%)

Blue (32%)

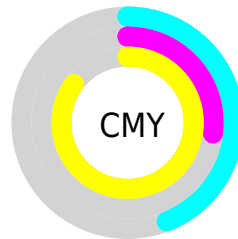


Cyan (23%)

Magenta (0%)

Yellow (79%)

Black (27%)



Cyan (44%)

Magenta (27%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90BB27 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 90BB27 by changing the saturation by 10% instead.





90BB27



90BB27

FFFFFF



74A000



C9F361



588600



E7FF7D



3D6C00



FFFF99



205300



FFFFB5



003C00



FFFFD2



002700



FFFFEF



000400



000000



90BB27



90BB27

 8BBB14

 95BB3A

 85BB02

 9BBB4C

 85BB00

 A0BB5F

 A6BB72

 ABBB85

 B1BB97

 B6BBAA

 BBBBBD

 C1BBCF

# Harmonies

## Analogous

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



D1A807



90BB27



1EC663

# Triad

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



90BB27



00C5FF



FF6BB4

# Complementary

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



90BB27



5227BB

# 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.



F87FF4



90BB27



00B6FF

# Square

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



90BB27



00CBE9



A39DFE



FF3722

# Rectangle

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



90BB27



00CA8F



A39DFF



FF6FCA



# Sweetspot

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



90BB27



E1F2B8



BB5127



707A57



FAFAFA



7A7A7A



# Same Dimension

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



90BB27



AFF20C



47BB27



5C5E55



709E00



161F00



# Inverse Universe

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



5227BB



4F0CF2



9B27BB



58555E



2E009E



09001F



# Previews

## White Background



This preview shows how the Hex color 90BB27 looks on a white background.

## Color Contrast Check

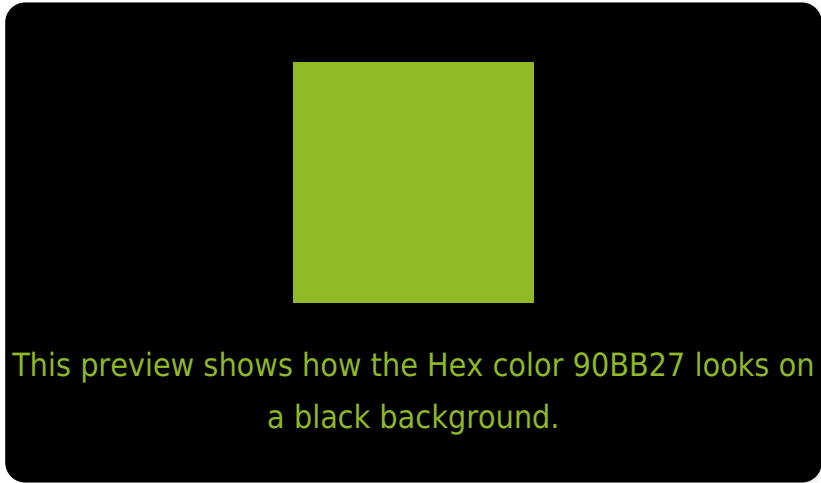
Large Text (above 18pt) WCAG AA × Fail

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 90BB27 Background



This preview shows how black text looks on a background with the Hex color 90BB27.

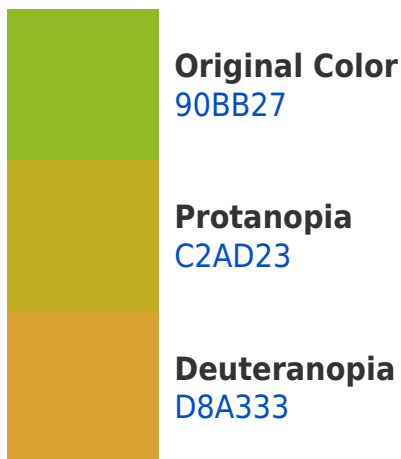


This preview shows how white text looks on a background with the Hex color 90BB27.

# Color Blindness Simulation

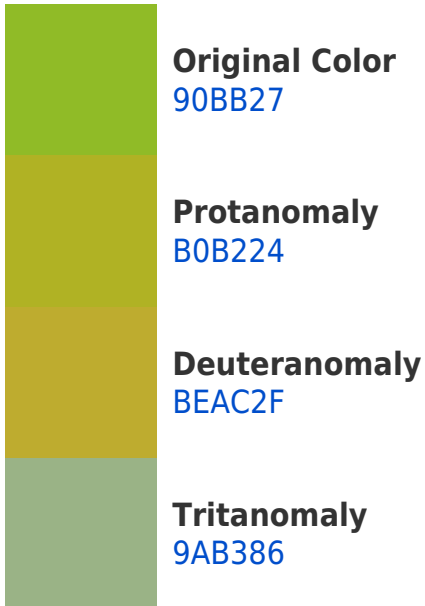
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

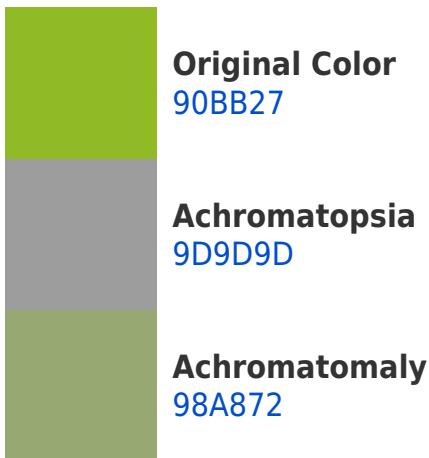




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90BB27 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 #90BB27 looks like.

```
.text, #text, p{  
  color:#90BB27  
}
```

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 #90BB27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BB27
}
```

## Border

The CSS property to change the border of an element to Hex 90BB27 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
#90BB27 }
```

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

```
.border{ border-color:#90BB27 }
```

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

Here you see how a box with a 4 pixel #90BB27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BB27; -webkit-box-shadow:4px 4px  
4px 4px #90BB27; box-shadow:4px 4px 4px  
4px #90BB27 }
```

# Background

The CSS property to change the background color of an element to Hex 90BB27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BB27 }
```

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

```
.background{ background-color:#90BB27 }
```

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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