

Converting Colors

Hex(99BF27)

Have a look what the booklet for
Hex(99BF27) contains.

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Color

Hex(99BF27)

Conversions

Conversions Part 1

Format	Color
Hex	99BF27
RGB	153, 191, 39
RGB Percent	60%, 75%, 15%
CMY	0.4000, 0.2510, 0.8471
CMYK	0.20, 0.00, 0.80, 0.25
HSL	75°, 66%, 45%
HSV	75°, 80%, 75%
XYZ	32.1339, 44.1804, 8.7535
YIQ	162.3100, 26.1440, -55.3280

Conversions

Conversions Part 2

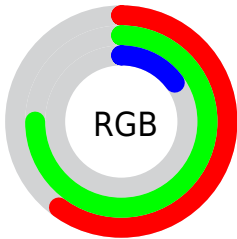
Format	Color
RYB	39, 191, 77
Decimal	10075943
CIELab	72.35, -32.49, 66.01
CIELCh	72, 73.572, 116.210
Yxy	44.1804, 0.3777, 0.5194
Android (android.graphics.Color)	4288266023 (0xFF99BF27)
YUV	162.3100, -60.7918, -8.1649
Hunter-Lab	66.4683, -30.0244, 38.7197

Details

The Hex color **99BF27** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4D27BF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D3F762**, and **618900** is the 20% darker color. If you saturate the color by 10%, you get **94BF14**, and if you desaturate by 10%, it is **9EBF3A**.

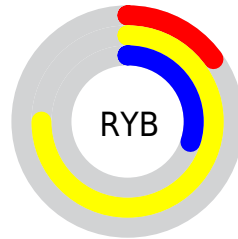
Distribution



Red (60%)

Green (75%)

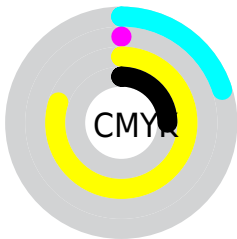
Blue (15%)



Red (15%)

Yellow (75%)

Blue (30%)

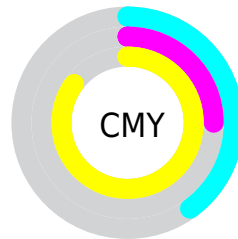


Cyan (20%)

Magenta (0%)

Yellow (80%)

Black (25%)



Cyan (40%)

Magenta (25%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99BF27 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 99BF27 by changing the saturation by 10% instead.

 99BF27

 99BF27

FFFFFF

 7DA400

 D3F762

 618900

 F0FF7E

 467000

 FFFF9A

 2A5700

 FFFFB6

 074000

 FFFFD3

 002900

 FFFFF0

 000F00

 000000

 99BF27

 99BF27

■ 94BF14

■ 9EBF3A

■ 8FBF01

■ A3BF4D

■ 8FBF00

■ A7BF60

■ ACBF73

■ B1BF87

■ B6BF9A

■ BABFAD

■ BFBFC0

■ C4BFD3

Harmonies

Analogous

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



DAAB0F



99BF27



32CB62

Triad

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



99BF27



00CBFF



FF6FBD

Complementary

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



99BF27



4D27BF

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.



FA85FD



99BF27



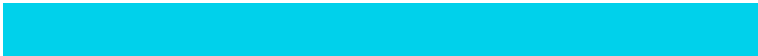
00BCFF

Square

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



99BF27



00D1EB



A1A3FF



FF767A

Rectangle

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



99BF27



00CF8F



A1A3FF



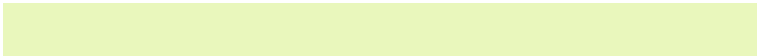
FF74D3

Sweetspot

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



99BF27



E9F7BC



BF4D27



747D59



FCFCFC



7D7D7D

Same Dimension

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



99BF27



BDF70C



4DBF27



5C5E55



779E00



171F00

Inverse Universe

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



4D27BF



470CF7



9927BF



57555E



28009E



08001F

Previews

White Background



This preview shows how the Hex color 99BF27 looks on a white background.

Color Contrast Check

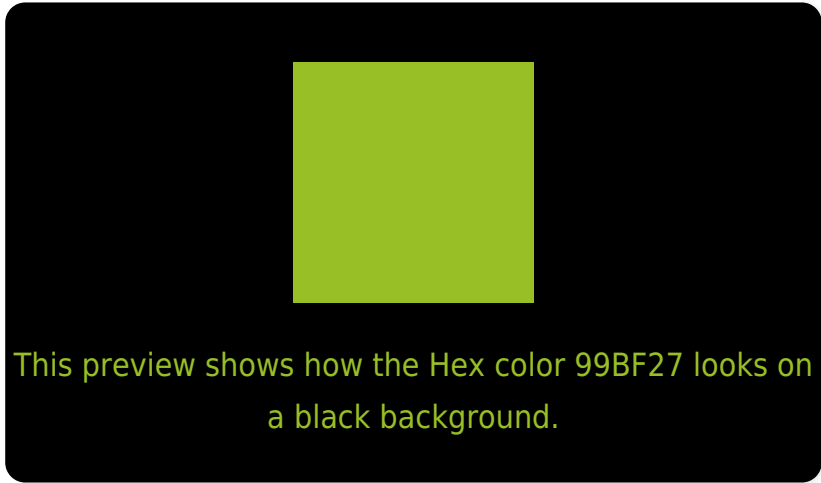
Large Text (above 18pt) WCAG AA × Fail

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 99BF27 Background



This preview shows how black text looks on a background with the Hex color 99BF27.



This preview shows how white text looks on a background with the Hex color 99BF27.

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
99BF27

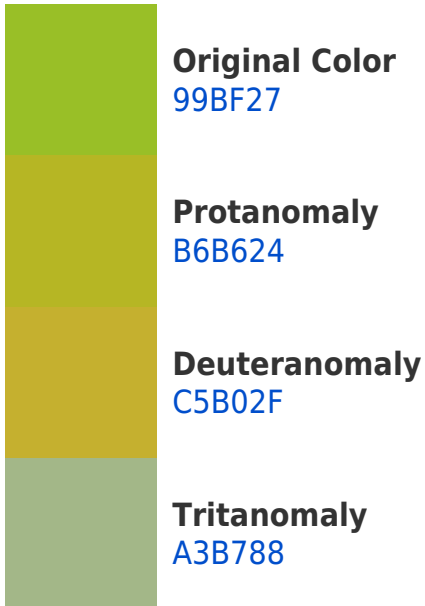
Protanopia
C7B123

Deuteranopia
DEA833



Tritanopia
A9B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99BF27 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 #99BF27 looks like.

```
.text, #text, p{  
    color:#99BF27  
}
```

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 #99BF27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99BF27
}
```

Border

The CSS property to change the border of an element to Hex 99BF27 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
#99BF27 }
```

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

```
.border{ border-color:#99BF27 }
```

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

Here you see how a box with a 4 pixel #99BF27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99BF27; -webkit-box-shadow:4px 4px  
4px 4px #99BF27; box-shadow:4px 4px 4px  
4px #99BF27 }
```

Background

The CSS property to change the background color of an element to Hex 99BF27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99BF27 }
```

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

```
.background{ background-color:#99BF27 }
```

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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