

Converting Colors

Hex(90AF19)

Have a look what the booklet for
Hex(90AF19) contains.

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Color

Hex(90AF19)

Conversions

Conversions Part 1

Format	Color
Hex	90AF19
RGB	144, 175, 25
RGB Percent	56%, 69%, 10%
CMY	0.4353, 0.3137, 0.9020
CMYK	0.18, 0.00, 0.86, 0.31
HSL	72°, 75%, 39%
HSV	72°, 86%, 69%
XYZ	27.0070, 36.6594, 6.5723
YIQ	148.6310, 29.6740, -53.2220

Conversions

Conversions Part 2

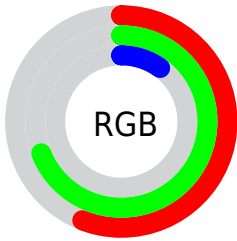
Format	Color
RYB	25, 175, 56
Decimal	9482009
CIELab	67.02, -29.14, 64.69
CIELCh	67, 70.944, 114.248
Yxy	36.6594, 0.3845, 0.5219
Android (android.graphics.Color)	4287672089 (0xFF90AF19)
YUV	148.6310, -60.9501, -4.0614
Hunter-Lab	60.5470, -26.3373, 35.9471

Details

The Hex color **90AF19** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3819AF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C9E757**, and **597A00** is the 20% darker color. If you saturate the color by 10%, you get **8CAF07**, and if you desaturate by 10%, it is **94AF2A**.

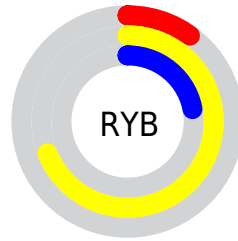
Distribution



Red (56%)

Green (69%)

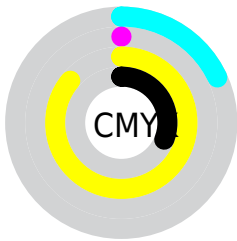
Blue (10%)



Red (10%)

Yellow (69%)

Blue (22%)

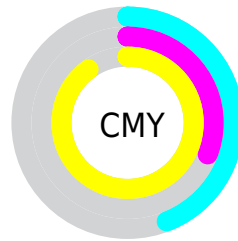


Cyan (18%)

Magenta (0%)

Yellow (86%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AF19 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 90AF19 by changing the saturation by 10% instead.

 90AF19

 90AF19

FFFFFF

 749400

 C9E757

 597A00

 E7FF72

 3E6100

 FFFF8E

 224A00

 FFFFAA

 013300

 FFFFC7

 002000

 FFFF E4

 000000

 90AF19

 90AF19

 8CAF07

 94AF2A

■ 8BAF00

■ 97AF3C

■ 9BAF4D

■ 9EAF5F

■ A2AF71

■ A6AF82

■ A9AF93

■ ADAFA5

■ B1AFB6

Harmonies

Analogous

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



CD9C02



90AF19



32BB54

Triad

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



90AF19



00BCFF



FF64B2

Complementary

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



90AF19



3819AF

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.



E47AEF



90AF19



00AEFF

Square

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



90AF19



00C1D6



8A97FF



FF6973

Rectangle

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



90AF19



00BF7E



8A97FF



FF69C7

Sweetspot

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



90AF19



D7E3A8



AF3719



6B734F



F2F2F2



737373

Same Dimension

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



90AF19



B4E300



46AF19



55574E



779600



121700

Inverse Universe

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



3819AF



2F00E3



8219AF



504E57



1F0096



050017

Previews

White Background



This preview shows how the Hex color 90AF19 looks on a white background.

Color Contrast Check

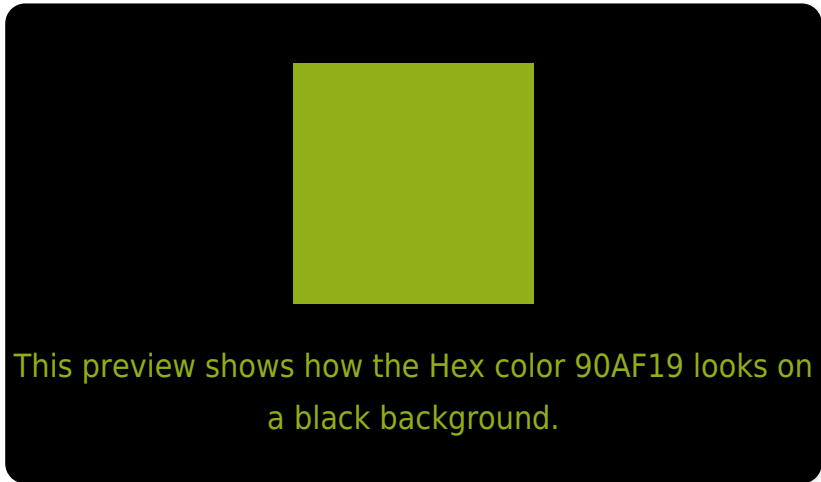
Large Text (above 18pt) WCAG AA × Fail

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 90AF19 Background



This preview shows how black text looks on a background with the Hex color 90AF19.



This preview shows how white text looks on a background with the Hex color 90AF19.

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
90AF19

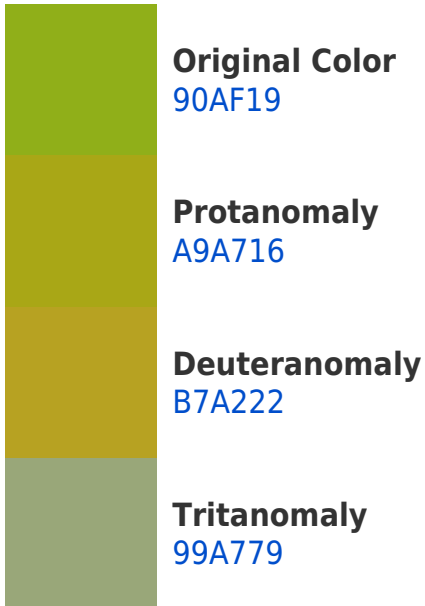
Protanopia
B7A315

Deuteranopia
CD9A27

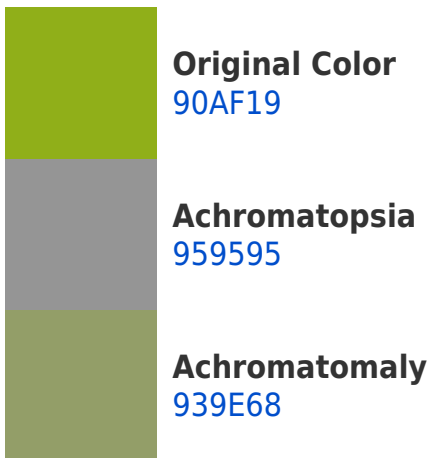


Tritanopia
9EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90AF19 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 #90AF19 looks like.

```
.text, #text, p{  
    color:#90AF19  
}
```

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 #90AF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AF19
}
```

Border

The CSS property to change the border of an element to Hex 90AF19 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
#90AF19 }
```

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

```
.border{ border-color:#90AF19 }
```

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

Here you see how a box with a 4 pixel #90AF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AF19; -webkit-box-shadow:4px 4px  
4px 4px #90AF19; box-shadow:4px 4px 4px  
4px #90AF19 }
```

Background

The CSS property to change the background color of an element to Hex 90AF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AF19 }
```

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

```
.background{ background-color:#90AF19 }
```

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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