

# Converting Colors

Hex(92A30F)

Have a look what the booklet for  
Hex(92A30F) contains.

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**Color**

**Hex(92A30F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92A30F
RGB	146, 163, 15
RGB Percent	57%, 64%, 6%
CMY	0.4275, 0.3608, 0.9412
CMYK	0.10, 0.00, 0.91, 0.36
HSL	67°, 83%, 35%
HSV	67°, 91%, 64%
XYZ	25.0375, 32.3399, 5.3745
YIQ	141.0450, 37.3760, -49.6320

# Conversions

## Conversions Part 2

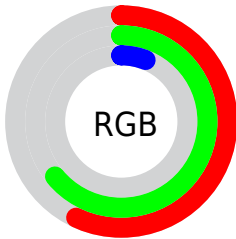
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 163, 32
Decimal	9609999
CIE Lab	63.62, -22.68, 63.92
CIE LCh	64, 67.821, 109.539
Yxy	32.3399, 0.3990, 0.5154
Android (android.graphics.Color)	4287800079 (0xFF92A30F)
YUV	141.0450, -62.1402, 4.3455
Hunter-Lab	56.8682, -20.9306, 34.2043

# Details

The Hex color **92A30F** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **200FA3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CBDA50**, and **5B6F00** is the 20% darker color. If you saturate the color by 10%, you get **90A300**, and if you desaturate by 10%, it is **94A31F**.

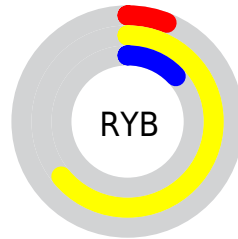
# Distribution



Red (57%)

Green (64%)

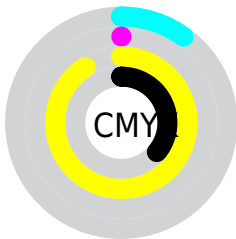
Blue (6%)



Red (6%)

Yellow (64%)

Blue (13%)

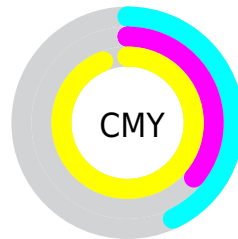


Cyan (10%)

Magenta (0%)

Yellow (91%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92A30F 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 92A30F by changing the saturation by 10% instead.



 92A30F

 92A30F

FFFFFF

 768900

 CBDA50

 5B6F00

 E9F66B

 405700

 FFFF87

 254000

 FFFFA3

 0A2A00

 FFFFBF

 001500

 FFFFDC

 000000

 FFFFF9

 92A30F

 92A30F

■ 90A300

■ 94A31F

■ 96A330

■ 98A340

■ 99A350

■ 9BA361

■ 9DA371

■ 9FA381

■ A1A391

■ A3A3A2

# Harmonies

## Analogous

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



C9900C



92A30F



45AF46

# Triad

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



92A30F



00B2F5



FC60B2

# Complementary

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



92A30F



200FA3

# 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.



CE78E9



92A30F



00A7FF

# Square

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



92A30F



00B6C1



6E93FF



FF6075

# Rectangle

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



92A30F



00B46D



6E93FF



F167C6



# Sweetspot

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



92A30F



CDD49B



A31E0F



676B49



EBEBEB



6B6B6B



# Same Dimension

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



92A30F



BBD400



4AA30F



515249



819100



101200



# Inverse Universe

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



200FA3



1800D4



680FA3



4A4952



110091



020012



# Previews

## White Background



This preview shows how the Hex color 92A30F looks on a white background.

## Color Contrast Check

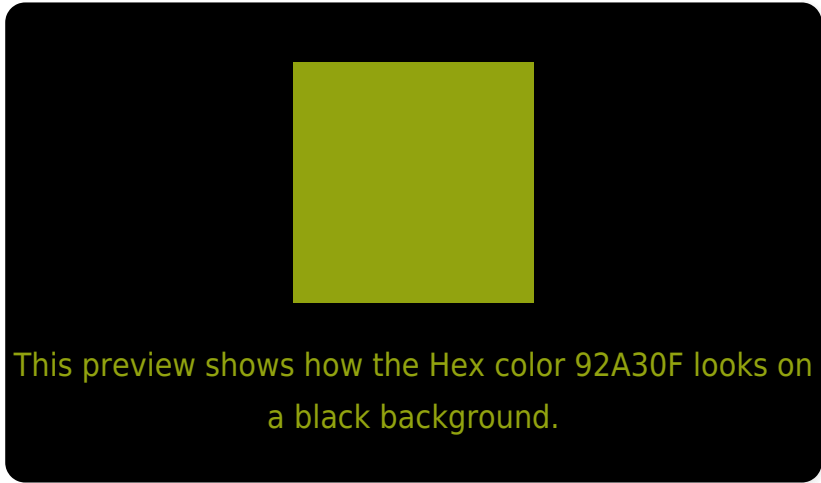
Large Text (above 18pt) WCAG AA × Fail

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 92A30F Background



This preview shows how black text looks on a background with the Hex color 92A30F.

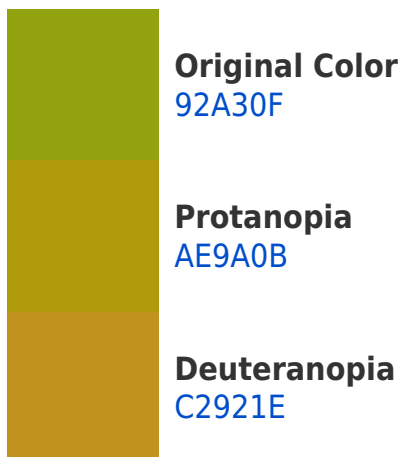


This preview shows how white text looks on a background with the Hex color 92A30F.

# 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](#).

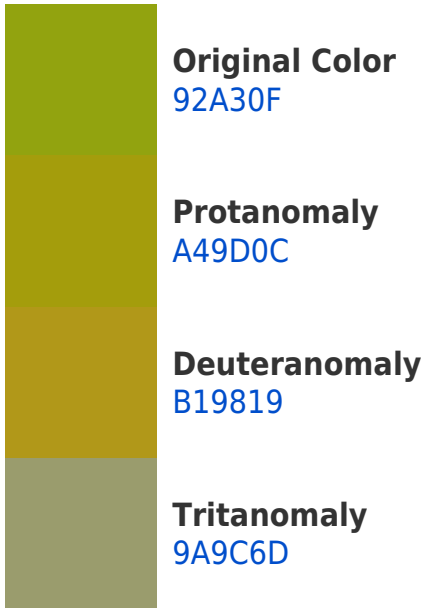
## Dichromacy



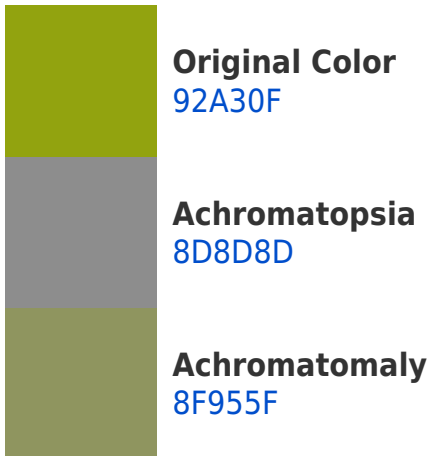


**Tritanopia**  
9E98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92A30F 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 #92A30F looks like.

```
.text, #text, p{  
    color:#92A30F  
}
```

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 #92A30F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92A30F
}
```

## Border

The CSS property to change the border of an element to Hex 92A30F 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
#92A30F }
```

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

```
.border{ border-color:#92A30F }
```

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

Here you see how a box with a 4 pixel #92A30F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92A30F; -webkit-box-shadow:4px 4px  
4px 4px #92A30F; box-shadow:4px 4px 4px  
4px #92A30F }
```

# Background

The CSS property to change the background color of an element to Hex 92A30F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92A30F }
```

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

```
.background{ background-color:#92A30F }
```

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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