

# Converting Colors

Hex(90A42D)

Have a look what the booklet for  
Hex(90A42D) contains.

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**Color**

**Hex(90A42D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A42D
RGB	144, 164, 45
RGB Percent	56%, 64%, 18%
CMY	0.4353, 0.3569, 0.8235
CMYK	0.12, 0.00, 0.73, 0.36
HSL	70°, 57%, 41%
HSV	70°, 73%, 64%
XYZ	25.2507, 32.6697, 7.4576
YIQ	144.4540, 26.2790, -41.2490

# Conversions

## Conversions Part 2

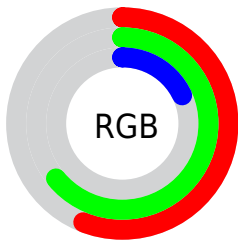
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 164, 65
Decimal	9479213
CIELab	63.89, -22.94, 55.92
CIELCh	64, 60.438, 112.304
Yxy	32.6697, 0.3862, 0.4997
Android (android.graphics.Color)	4287669293 (0xFF90A42D)
YUV	144.4540, -49.0308, -0.3982
Hunter-Lab	57.1574, -21.1686, 32.2743

# Details

The Hex color **90A42D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **412DA4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C8DB63**, and **5A7000** is the 20% darker color. If you saturate the color by 10%, you get **8DA41D**, and if you desaturate by 10%, it is **93A43D**.

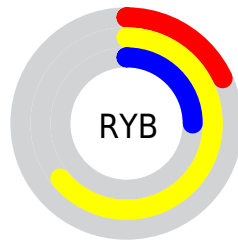
# Distribution



Red (56%)

Green (64%)

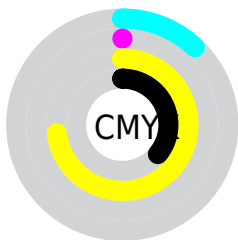
Blue (18%)



Red (18%)

Yellow (64%)

Blue (25%)

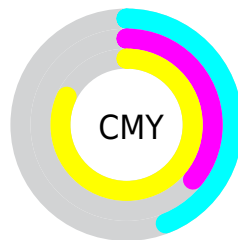


Cyan (12%)

Magenta (0%)

Yellow (73%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A42D 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 90A42D by changing the saturation by 10% instead.



 90A42D

 90A42D

FFFFFF

 758A0B

 C8DB63

 5A7000

 E6F77E

 405800

 FFFF99

 264000

 FFFFB5

 0A2A00

 FFFFD1

 001600

 FFFFEE

 000000

 90A42D

 90A42D

 8DA41D

 93A43D

■ 8AA40C

■ 96A44E

■ 88A400

■ 98A45E

■ 9BA46F

■ 9EA47F

■ A1A48F

■ A3A4A0

■ A6A4B0

■ A9A4C1

# Harmonies

## Analogous

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



C39326



90A42D



4BAF55

# Triad

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



90A42D



00B0EF



F56AAB

# Complementary

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



90A42D



412DA4

# 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.



CF7BDD



90A42D



00A5FF

# Square

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



90A42D



00B5C2



8392FF



FC6C75

# Rectangle

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



90A42D



00B378



8392FF



EC6EBD



# Sweetspot

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



90A42D



CED6A7



A4412D



666B4F



EBEBEB



6B6B6B



# Same Dimension

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



90A42D



B7D61C



55A42D



505249



799100



0F1200



# Inverse Universe

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



412DA4



3B1CD6



7C2DA4



4B4952



180091



030012



# Previews

## White Background



This preview shows how the Hex color 90A42D looks on a white background.

## Color Contrast Check

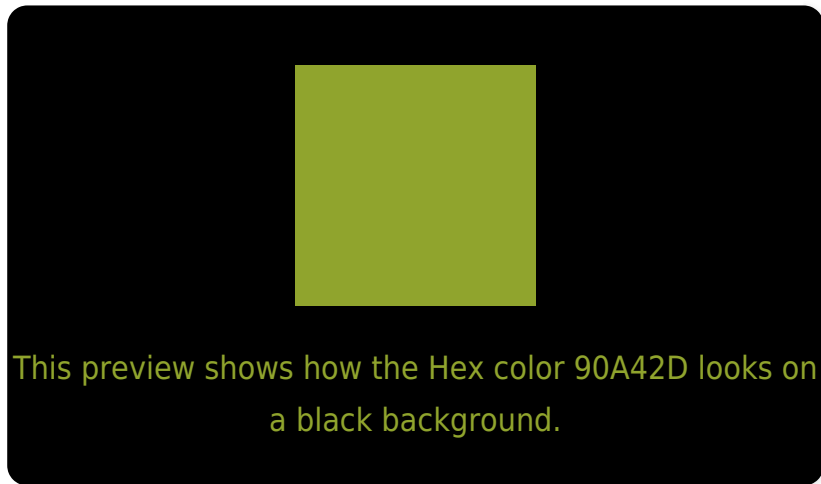
Large Text (above 18pt) WCAG AA × Fail

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 90A42D Background



This preview shows how black text looks on a background with the Hex color 90A42D.

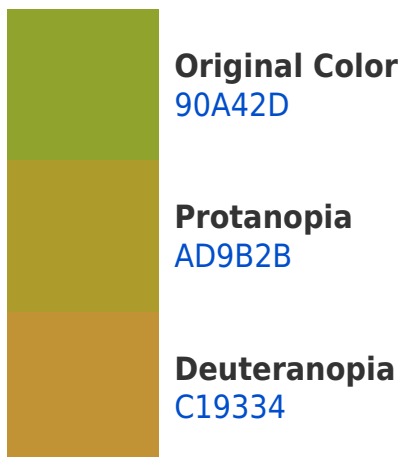



This preview shows how white text looks on a background with the Hex color 90A42D.

# 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](#).

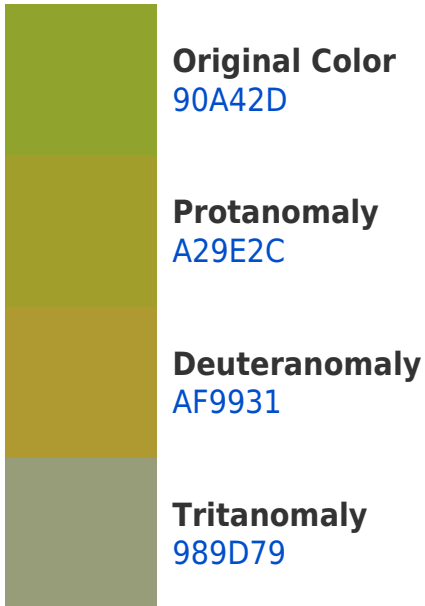
## Dichromacy





**Tritanopia**  
9C99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A42D 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 #90A42D looks like.

```
.text, #text, p{  
    color:#90A42D  
}
```

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 #90A42D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A42D
}
```

## Border

The CSS property to change the border of an element to Hex 90A42D 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
#90A42D }
```

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

```
.border{ border-color:#90A42D }
```

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

Here you see how a box with a 4 pixel #90A42D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A42D; -webkit-box-shadow:4px 4px  
4px 4px #90A42D; box-shadow:4px 4px 4px  
4px #90A42D }
```

# Background

The CSS property to change the background color of an element to Hex 90A42D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A42D }
```

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

```
.background{ background-color:#90A42D }
```

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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