

# Converting Colors

Hex(73A92F)

Have a look what the booklet for  
Hex(73A92F) contains.

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**Color**

**Hex(73A92F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A92F
RGB	115, 169, 47
RGB Percent	45%, 66%, 18%
CMY	0.5490, 0.3373, 0.8157
CMYK	0.32, 0.00, 0.72, 0.34
HSL	87°, 56%, 42%
HSV	87°, 72%, 66%
XYZ	21.7713, 32.2260, 7.7621
YIQ	138.9460, 6.9780, -49.3900

# Conversions

## Conversions Part 2

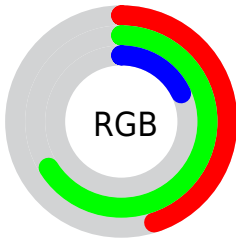
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 169, 101
Decimal	7579951
CIELab	63.53, -36.87, 54.19
CIELCh	64, 65.545, 124.231
Yxy	32.2260, 0.3525, 0.5218
Android (android.graphics.Color)	4285770031 (0xFF73A92F)
YUV	138.9460, -45.3294, -21.0006
Hunter-Lab	56.7680, -30.8867, 31.6306

# Details

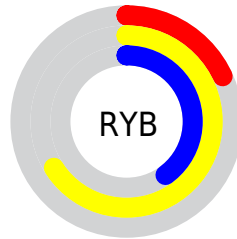
The Hex color **73A92F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **652FA9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ABE165**, and **3C7400** is the 20% darker color. If you saturate the color by 10%, you get **6CA91E**, and if you desaturate by 10%, it is **7AA940**.

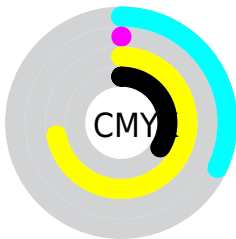
# Distribution



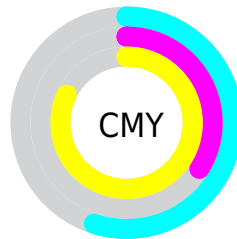
- Red (45%)
- Green (66%)
- Blue (18%)



- Red (18%)
- Yellow (66%)
- Blue (40%)



- Cyan (32%)
- Magenta (0%)
- Yellow (72%)
- Black (34%)



- Cyan (55%)
- Magenta (34%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A92F 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 73A92F by changing the saturation by 10% instead.



 73A92F

 73A92F


FFFFFF

 588E0E

 ABE165

 3C7400

 C7FD80

 215B00

 E4FF9B

 004300

 FFFFB7

 002D00

 FFFFD3

 001500

 FFFFF0

 000000

 73A92F

 73A92F

 6CA91E

 7AA940

■ 64A90D

■ 82A951

■ 5EA900

■ 89A962

■ 91A973

■ 98A983

■ A0A994

■ A7A9A5

■ AFA9B6

■ B6A9C7

# Harmonies

## Analogous

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



AF9A0C



73A92F



00B264

# Triad

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



73A92F



00ADFF



FF6094

# Complementary

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



73A92F



652FA9

# 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.



E66DCE



73A92F



009EFF

# Square

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



73A92F



00B4DA



A587FB



FD6C5B

# Rectangle

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



73A92F



00B58C



A587FB



FC62A8

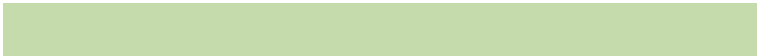


# Sweetspot

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



73A92F



C6DBAB



A9642F



616E51



EDEDED



6E6E6E



# Same Dimension

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



73A92F



87DB1D



37A92F



50544C



529400



0B1400



# Inverse Universe

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



652FA9



711DDB



A12FA9



4F4C54



410094



090014



# Previews

## White Background



This preview shows how the Hex color 73A92F looks on a white background.

## Color Contrast Check

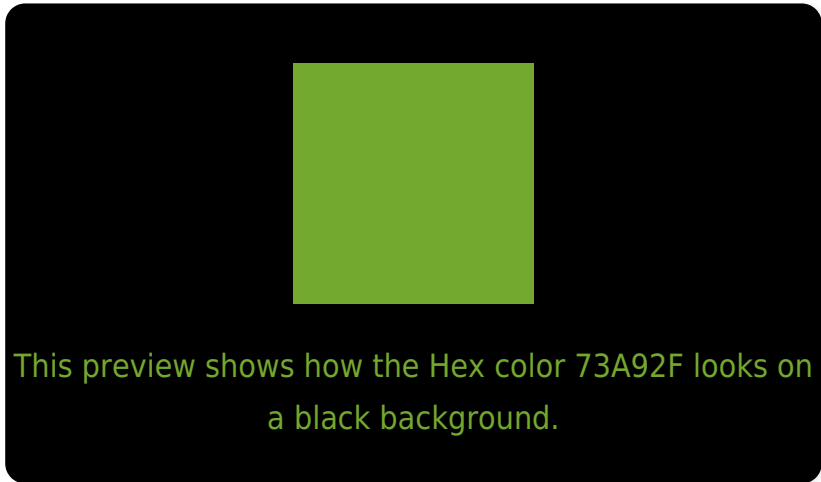
Large Text (above 18pt) WCAG AA × Fail

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 73A92F Background



This preview shows how black text looks on a background with the Hex color 73A92F.



This preview shows how white text looks on a background with the Hex color 73A92F.

# 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**  
73A92F

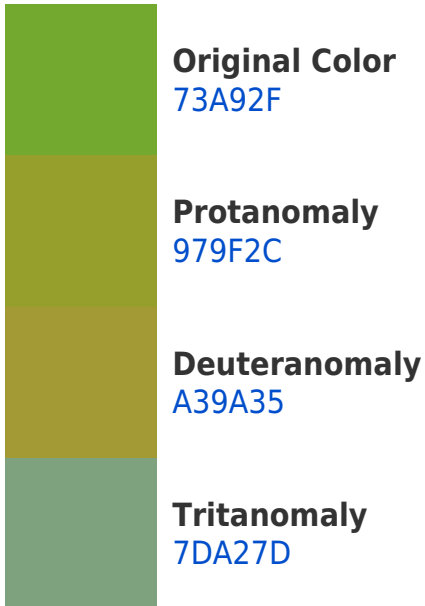
**Protanopia**  
AC9A2B

**Deuteranopia**  
BF9238

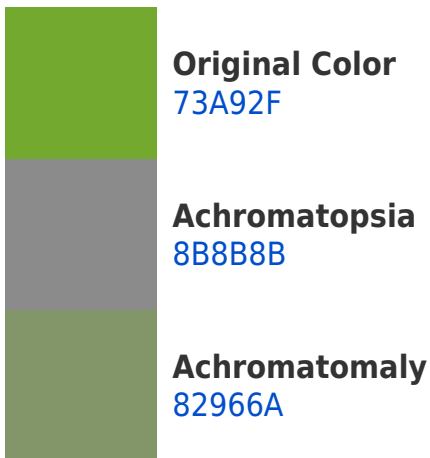


**Tritanopia**  
839EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A92F 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 #73A92F looks like.

```
.text, #text, p{  
    color:#73A92F  
}
```

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 #73A92F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A92F
}
```

## Border

The CSS property to change the border of an element to Hex 73A92F 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
#73A92F }
```

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

```
.border{ border-color:#73A92F }
```

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

Here you see how a box with a 4 pixel #73A92F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A92F; -webkit-box-shadow:4px 4px  
4px 4px #73A92F; box-shadow:4px 4px 4px  
4px #73A92F }
```

# Background

The CSS property to change the background color of an element to Hex 73A92F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A92F }
```

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

```
.background{ background-color:#73A92F }
```

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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