

# Converting Colors

Hex(72A338)

Have a look what the booklet for  
Hex(72A338) contains.

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**Color**

**Hex(72A338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72A338
RGB	114, 163, 56
RGB Percent	45%, 64%, 22%
CMY	0.5529, 0.3608, 0.7804
CMYK	0.30, 0.00, 0.66, 0.36
HSL	87°, 49%, 43%
HSV	87°, 66%, 64%
XYZ	20.7504, 30.0573, 8.4494
YIQ	136.1510, 5.1430, -43.6650

# Conversions

## Conversions Part 2

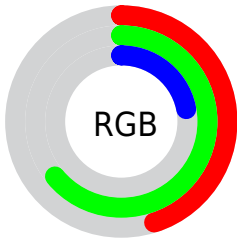
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 163, 105
Decimal	7512888
CIELab	61.70, -33.86, 48.66
CIElCh	62, 59.286, 124.830
Yxy	30.0573, 0.3502, 0.5072
Android (android.graphics.Color)	4285702968 (0xFF72A338)
YUV	136.1510, -39.5144, -19.4264
Hunter-Lab	54.8246, -28.3829, 29.2396

# Details

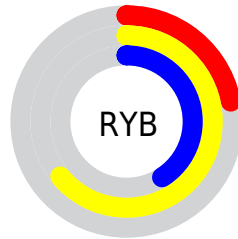
The Hex color **72A338** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6938A3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A9DA6C**, and **3D6F00** is the 20% darker color. If you saturate the color by 10%, you get **6BA328**, and if you desaturate by 10%, it is **79A348**.

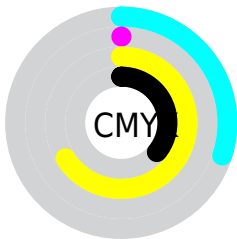
# Distribution



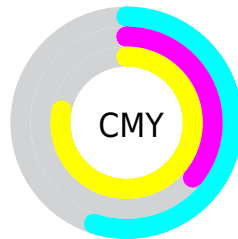
- Red (45%)
- Green (64%)
- Blue (22%)



- Red (22%)
- Yellow (64%)
- Blue (41%)



- Cyan (30%)
- Magenta (0%)
- Yellow (66%)
- Black (36%)



- Cyan (55%)
- Magenta (36%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72A338 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 72A338 by changing the saturation by 10% instead.





72A338



72A338

FFFFFF



57891D



A9DA6C



3D6F00



C5F787



225600



E2FFA2



003E00



FFFFBE



002800



FFFFDA



000C00



FFFFF7



000000



72A338



72A338



6BA328



79A348

■ 63A317

■ 81A359

■ 5CA307

■ 88A369

■ 58A300

■ 90A379

■ 97A38A

■ 9FA39A

■ A6A3AA

■ AEA3BA

■ B5A3CB

# Harmonies

## Analogous

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



A99520



72A338



00AB66

# Triad

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



72A338



00A6F4



F3638F

# Complementary

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



72A338



6938A3

# 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.



DB6DC3



72A338



2498FE

# Square

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



72A338



00ADD0



A283EC



EF6D5C

# Rectangle

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



72A338



00AE8A



A283EC



EF64A0



# Sweetspot

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



72A338



C0D4A9



A36838



5F6B51



EBEBEB



6B6B6B



# Same Dimension

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



72A338



87D42C



3DA338



4E5249



4F9100



0A1200



# Inverse Universe

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



6938A3



792CD4



9E38A3



4D4952



430091



080012



# Previews

## White Background



This preview shows how the Hex color 72A338 looks on a white background.

## Color Contrast Check

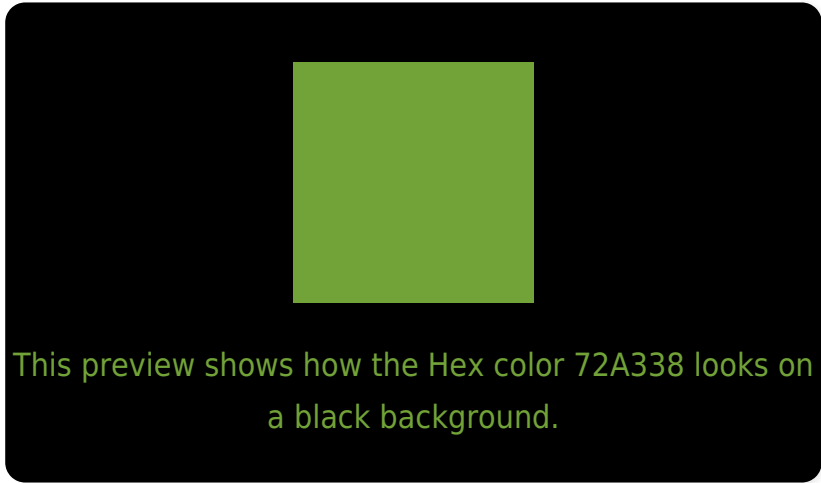
Large Text (above 18pt) WCAG AA ✓ Pass

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 72A338 Background



This preview shows how black text looks on a background with the Hex color 72A338.

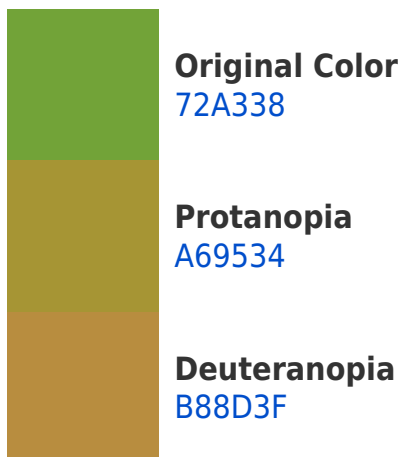


This preview shows how white text looks on a background with the Hex color 72A338.

# 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](#).

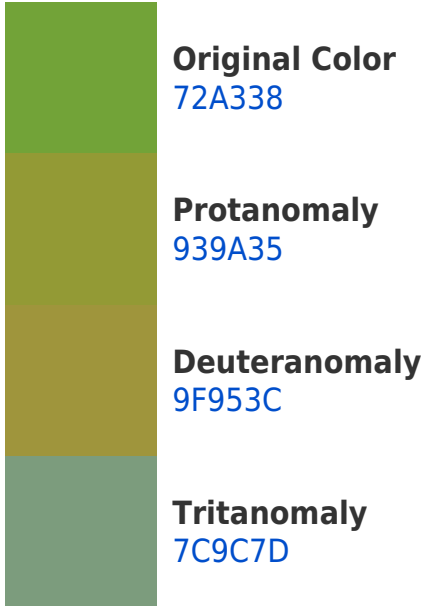
## Dichromacy



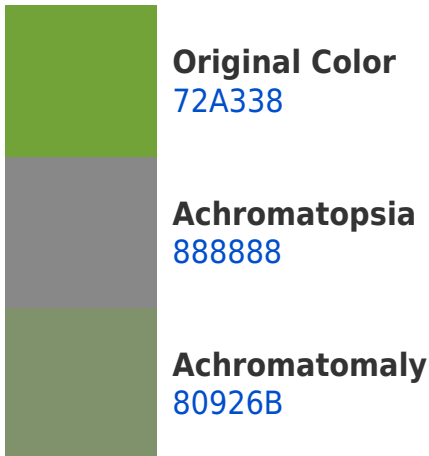


**Tritanopia**  
8198A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72A338 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 #72A338 looks like.

```
.text, #text, p{  
    color:#72A338  
}
```

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 #72A338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A338  
}
```

## Border

The CSS property to change the border of an element to Hex 72A338 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  
#72A338 }
```

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

```
.border{ border-color:#72A338 }
```

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

Here you see how a box with a 4 pixel #72A338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A338; -webkit-box-shadow:4px 4px  
4px 4px #72A338; box-shadow:4px 4px 4px  
4px #72A338 }
```

# Background

The CSS property to change the background color of an element to Hex 72A338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A338 }
```

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

```
.background{ background-color:#72A338 }
```

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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