

# Converting Colors

Hex(72AB38)

Have a look what the booklet for  
Hex(72AB38) contains.

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**Color**

**Hex(72AB38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72AB38
RGB	114, 171, 56
RGB Percent	45%, 67%, 22%
CMY	0.5529, 0.3294, 0.7804
CMYK	0.33, 0.00, 0.67, 0.33
HSL	90°, 51%, 45%
HSV	90°, 67%, 67%
XYZ	22.2161, 32.9888, 8.9379
YIQ	140.8470, 2.9430, -47.8490

# Conversions

## Conversions Part 2

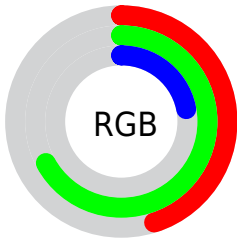
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 171, 113
Decimal	7514936
CIELab	64.15, -37.48, 51.27
CIELCh	64, 63.513, 126.170
Yxy	32.9888, 0.3464, 0.5143
Android (android.graphics.Color)	4285705016 (0xFF72AB38)
YUV	140.8470, -41.8296, -23.5448
Hunter-Lab	57.4358, -31.4690, 30.9786

# Details

The Hex color **72AB38** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7138AB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A9E36D**, and **3C7600** is the 20% darker color. If you saturate the color by 10%, you get **6AAB27**, and if you desaturate by 10%, it is **7AAB49**.

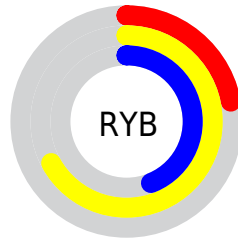
# Distribution



Red (45%)

Green (67%)

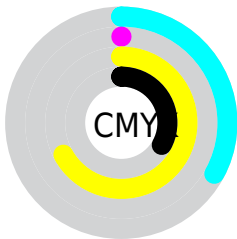
Blue (22%)



Red (22%)

Yellow (67%)

Blue (44%)

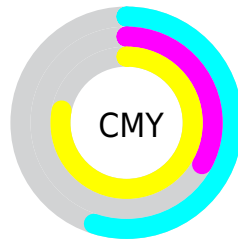


Cyan (33%)

Magenta (0%)

Yellow (67%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72AB38 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 72AB38 by changing the saturation by 10% instead.





72AB38



72AB38

FFFFFF



57901C



A9E36D



3C7600



C6FF87



1F5D00



E3FFA3



004500



FFFFBF



002E00



FFFFDB



001700



FFFFF8



000000



72AB38



72AB38



6AAB27



7AAB49

 61AB16

 83AB5A

 59AB05

 8BAB6B

 56AB00

 94AB7C

 9CAB8D

 A5AB9F

 ADABB0

 B6ABC1

 BEABD2

# Harmonies

## Analogous

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



AE9D19



72AB38



00B36B

# Triad

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



72AB38



00ADFF



FF6592

# Complementary

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



72AB38



7138AB

# 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.



E96FCA



72AB38



239EFF

# Square

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



72AB38



00B5DD



AD87F8



FB715C

# Rectangle

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



72AB38



00B692



AD87F8



FD66A5



# Sweetspot

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



72AB38



C8DEB1



AB7038



637055



F0F0F0



707070



# Same Dimension

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



72AB38



85DE2A



3AAB38



52574E



4C9600



0C1700



# Inverse Universe

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



7138AB



832ADE



A938AB



524E57



4B0096



0B0017



# Previews

## White Background



This preview shows how the Hex color 72AB38 looks on a white background.

## Color Contrast Check

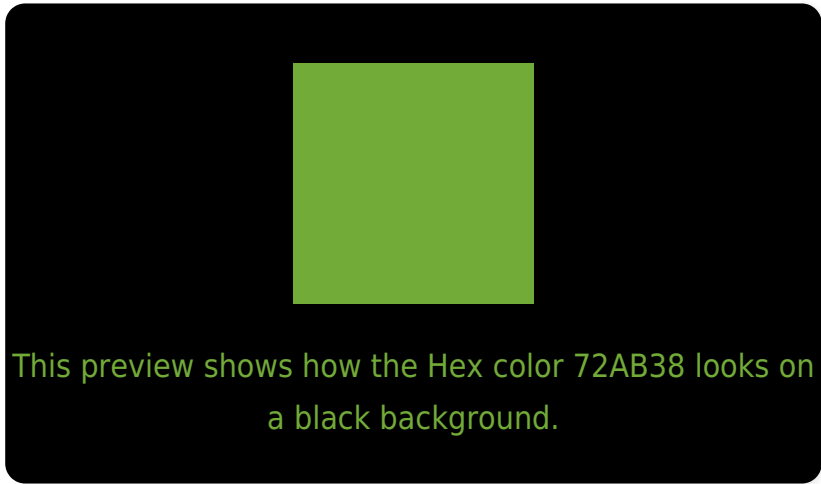
Large Text (above 18pt) WCAG AA × Fail

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 72AB38 Background



This preview shows how black text looks on a background with the Hex color 72AB38.

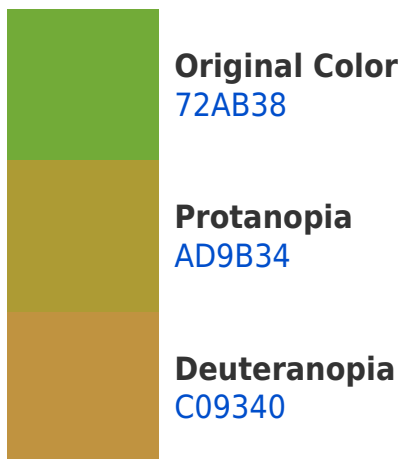


This preview shows how white text looks on a background with the Hex color 72AB38.

# 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](#).

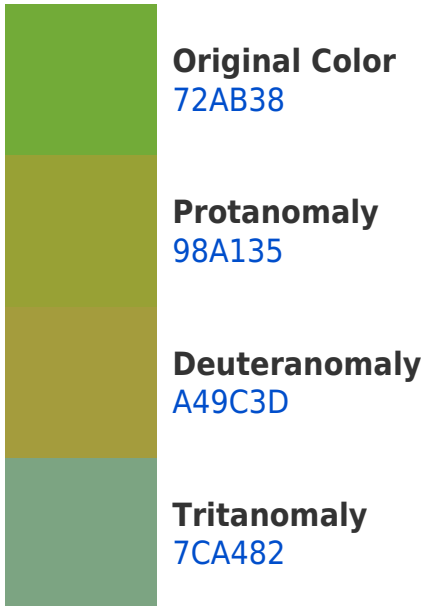
## Dichromacy



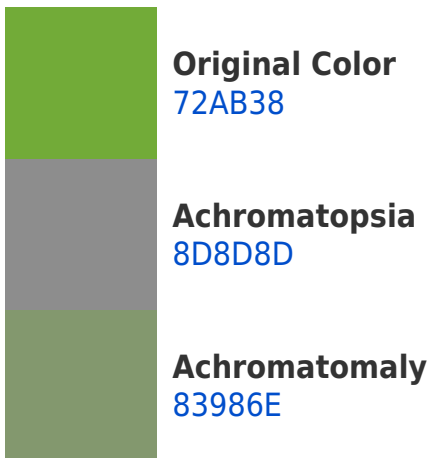


**Tritanopia**  
82A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72AB38 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 #72AB38 looks like.

```
.text, #text, p{  
    color:#72AB38  
}
```

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 #72AB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AB38
}
```

## Border

The CSS property to change the border of an element to Hex 72AB38 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
#72AB38 }
```

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

```
.border{ border-color:#72AB38 }
```

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

Here you see how a box with a 4 pixel #72AB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AB38; -webkit-box-shadow:4px 4px  
4px 4px #72AB38; box-shadow:4px 4px 4px  
4px #72AB38 }
```

# Background

The CSS property to change the background color of an element to Hex 72AB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AB38 }
```

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

```
.background{ background-color:#72AB38 }
```

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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