

# Converting Colors

Hex(72A234)

Have a look what the booklet for  
Hex(72A234) contains.

<b>Hex(72A234)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(72A234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72A234
RGB	114, 162, 52
RGB Percent	45%, 64%, 20%
CMY	0.5529, 0.3647, 0.7961
CMYK	0.30, 0.00, 0.68, 0.36
HSL	86°, 51%, 42%
HSV	86°, 68%, 64%
XYZ	20.4796, 29.6660, 7.8955
YIQ	135.1080, 6.7020, -44.3860

# Conversions

## Conversions Part 2

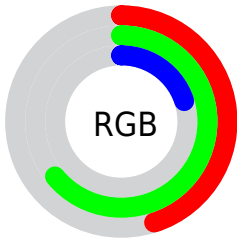
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 162, 100
Decimal	7512628
CIELab	61.36, -33.72, 49.99
CIElCh	61, 60.295, 124.000
Yxy	29.6660, 0.3528, 0.5111
Android (android.graphics.Color)	4285702708 (0xFF72A234)
YUV	135.1080, -40.9722, -18.5117
Hunter-Lab	54.4665, -28.1998, 29.5318

# Details

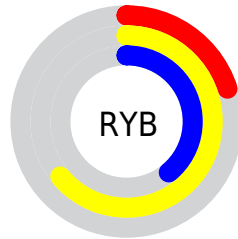
The Hex color **72A234** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6434A2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A9D968**, and **3D6E00** is the 20% darker color. If you saturate the color by 10%, you get **6BA224**, and if you desaturate by 10%, it is **79A244**.

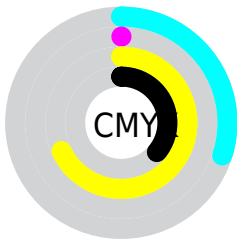
# Distribution



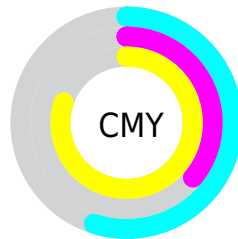
- Red (45%)
- Green (64%)
- Blue (20%)



- Red (20%)
- Yellow (64%)
- Blue (39%)



- Cyan (30%)
- Magenta (0%)
- Yellow (68%)
- Black (36%)



- Cyan (55%)
- Magenta (36%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72A234 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 72A234 by changing the saturation by 10% instead.





72A234



72A234

FFFFFF



578818



A9D968



3D6E00



C5F683



225500



E2FF9E



003E00



FFFFBA



002800



FFFFD6



000900



FFFFF3



000000



72A234



72A234



6BA224



79A244

 64A214

 80A254

 5DA203

 87A265

 5BA200

 8EA275

 95A285

 9CA295

 A3A2A5

 ABA2B6

 B2A2C6

# Harmonies

## Analogous

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



A9941B



72A234



00AA63

# Triad

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



72A234



00A6F4



F3618F

# Complementary

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



72A234



6434A2

# 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.



DA6CC4



72A234



0398FF

# Square

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



72A234



00ACCE



9F83ED



EF6B5B

# Rectangle

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



72A234



00AD87



9F83ED



EF62A1



# Sweetspot

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



72A234



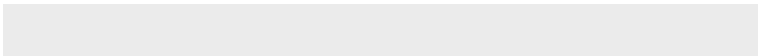
C1D4A9



A26434



606B51



EBEBEB



6B6B6B



# Same Dimension

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



72A234



89D428



3BA234



4E5249



529100



0A1200



# Inverse Universe

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



6434A2



7328D4



9B34A2



4D4952



3F0091



080012



# Previews

## White Background



This preview shows how the Hex color 72A234 looks on a white background.

## Color Contrast Check

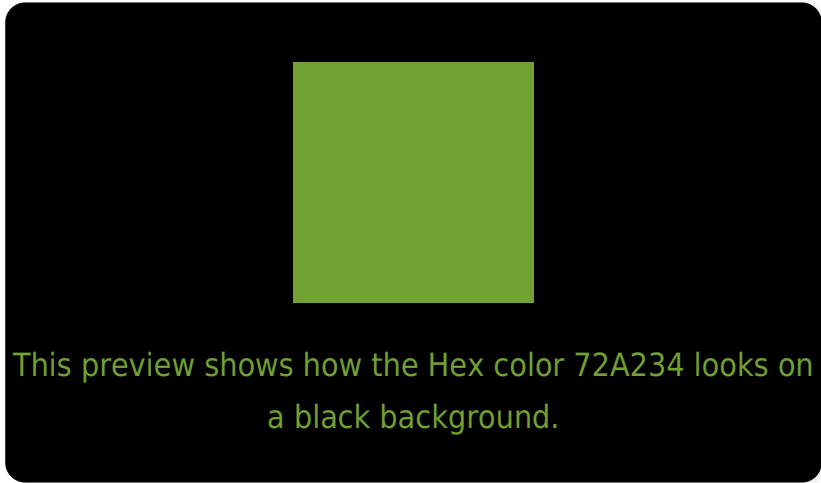
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72A234 Background



This preview shows how black text looks on a background with the Hex color 72A234.

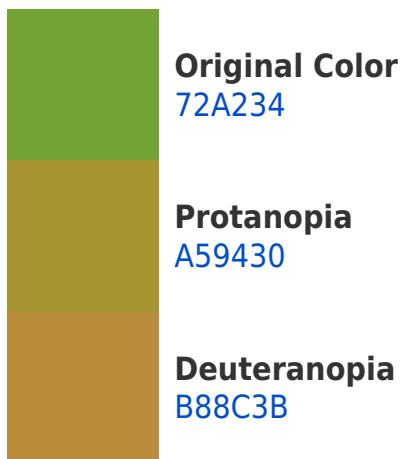


This preview shows how white text looks on a background with the Hex color 72A234.

# 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**  
8197A3

# Trichromacy



**Original Color**  
72A234

**Protanomaly**  
929931

**Deuteranomaly**  
9F9438

**Tritanomaly**  
7C9B7B

# Monochromacy



**Original Color**  
72A234

**Achromatopsia**  
878787

**Achromatomaly**  
7F9169

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72A234 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 #72A234 looks like.

```
.text, #text, p{  
    color:#72A234  
}
```

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 #72A234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A234
}
```

## Border

The CSS property to change the border of an element to Hex 72A234 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
#72A234 }
```

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

```
.border{ border-color:#72A234 }
```

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

Here you see how a box with a 4 pixel #72A234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A234; -webkit-box-shadow:4px 4px  
4px 4px #72A234; box-shadow:4px 4px 4px  
4px #72A234 }
```

# Background

The CSS property to change the background color of an element to Hex 72A234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A234 }
```

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

```
.background{ background-color:#72A234 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor