

# Converting Colors

Hex(72BA47)

Have a look what the booklet for  
Hex(72BA47) contains.

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**Color**

**Hex(72BA47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72BA47
RGB	114, 186, 71
RGB Percent	45%, 73%, 28%
CMY	0.5529, 0.2706, 0.7216
CMYK	0.39, 0.00, 0.62, 0.27
HSL	98°, 45%, 50%
HSV	98°, 62%, 73%
XYZ	25.6357, 39.1502, 12.1668
YIQ	151.3620, -5.9970, -51.0290

# Conversions

## Conversions Part 2

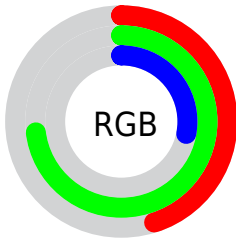
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 186, 143
Decimal	7518791
CIELab	68.86, -42.72, 49.98
CIELCh	69, 65.751, 130.525
Yxy	39.1502, 0.3331, 0.5088
Android (android.graphics.Color)	4285708871 (0xFF72BA47)
YUV	151.3620, -39.6185, -32.7665
Hunter-Lab	62.5701, -36.3642, 32.2700

# Details

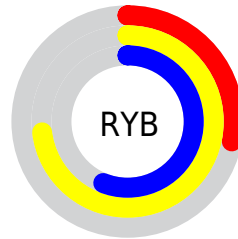
The Hex color **72BA47** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **8F47BA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **AAF37C**, and **3A840D** is the 20% darker color. If you saturate the color by 10%, you get **66BA34**, and if you desaturate by 10%, it is **7EBA5A**.

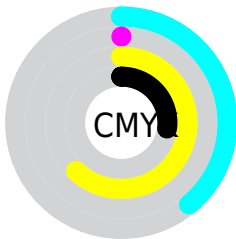
# Distribution



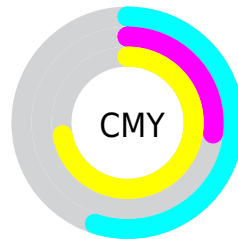
- Red (45%)
- Green (73%)
- Blue (28%)



- Red (28%)
- Yellow (73%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72BA47 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 72BA47 by changing the saturation by 10% instead.





72BA47



72BA47

FFFFFF



569F2C



AAF37C



3A840D



C7FF97



1A6A00



E4FFB2



005100



FFFFCF



003A00



FFFFEB



002500



000000



72BA47



72BA47



66BA34



7EBA5A

 5BBA22

 89BA6C

 4FBA0F

 95BA7F

 46BA00

 A1BA91

 ACBAA4

 B8BAB7

 C4BAC9

 CFBADC

 DBBAEE

# Harmonies

## Analogous

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



B3AC24



72BA47



00C27E

# Triad

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



72BA47



00B9FF



FF7095

# Complementary

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



72BA47



8F47BA

# 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.



FF77D1



72BA47



54A8FF

# Square

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



72BA47



00C2F4



C68FFF



FF7F5D

# Rectangle

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



72BA47



00C4A7



C68FFF



FF6FA9



# Sweetspot

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



72BA47



D5F2C4



BA8E47



697A5E



FAFAFA



7A7A7A



# Same Dimension

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



72BA47



82F23F



47BA54



565C53



3A9C00



0A1C00



# Inverse Universe

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



8F47BA



AF3FF2



BA47AD



58535C



61009C



12001C



# Previews

## White Background



This preview shows how the Hex color 72BA47 looks on a white background.

## Color Contrast Check

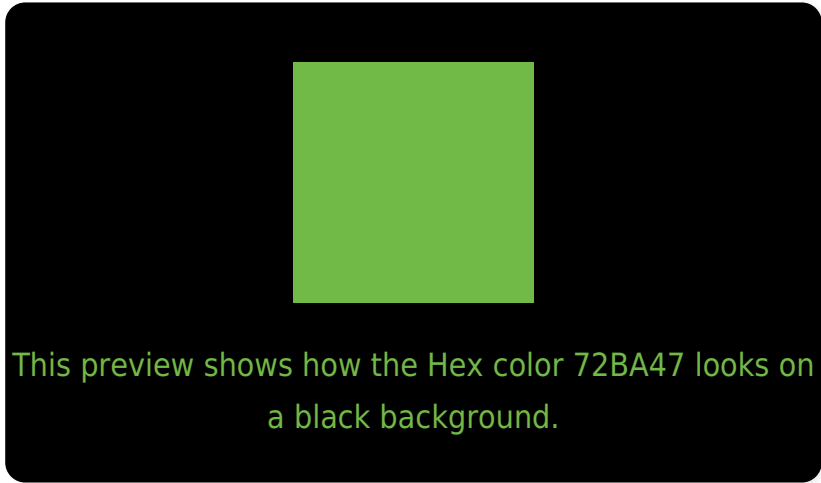
Large Text (above 18pt) WCAG AA × Fail

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 72BA47 Background



This preview shows how black text looks on a background with the Hex color 72BA47.

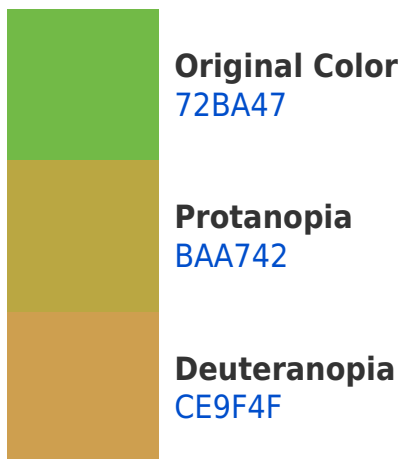


This preview shows how white text looks on a background with the Hex color 72BA47.

# 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](#).

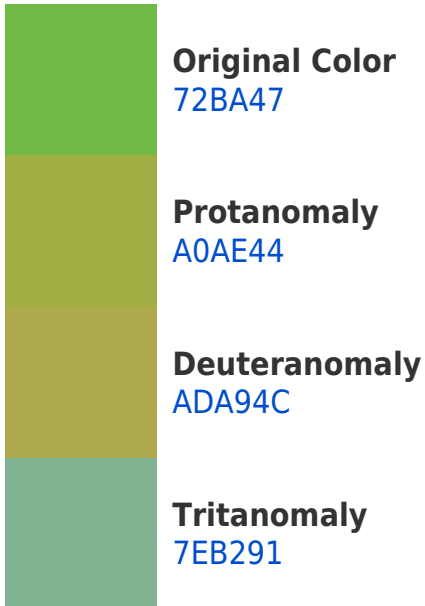
## Dichromacy



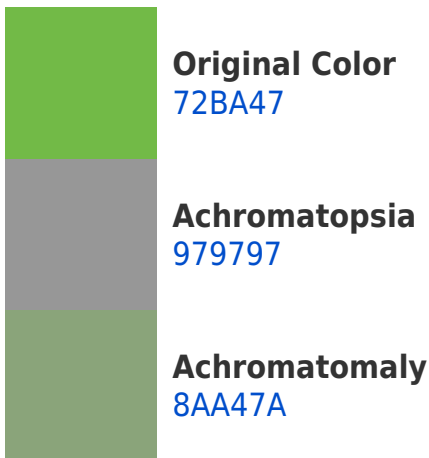


**Tritanopia**  
85AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72BA47 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 #72BA47 looks like.

```
.text, #text, p{  
    color:#72BA47  
}
```

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 #72BA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BA47  
}
```

## Border

The CSS property to change the border of an element to Hex 72BA47 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  
#72BA47 }
```

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

```
.border{ border-color:#72BA47 }
```

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

Here you see how a box with a 4 pixel #72BA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BA47; -webkit-box-shadow:4px 4px  
4px 4px #72BA47; box-shadow:4px 4px 4px  
4px #72BA47 }
```

# Background

The CSS property to change the background color of an element to Hex 72BA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BA47 }
```

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

```
.background{ background-color:#72BA47 }
```

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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