

# Converting Colors

Hex(72C443)

Have a look what the booklet for  
Hex(72C443) contains.

<b>Hex(72C443)</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(72C443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C443
RGB	114, 196, 67
RGB Percent	45%, 77%, 26%
CMY	0.5529, 0.2314, 0.7373
CMYK	0.42, 0.00, 0.66, 0.23
HSL	98°, 52%, 52%
HSV	98°, 66%, 77%
XYZ	27.6925, 43.4625, 12.2397
YIQ	156.7760, -7.4630, -57.5030

# Conversions

## Conversions Part 2

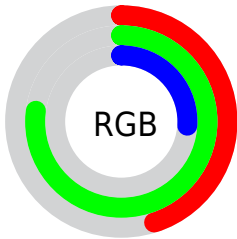
Format	Color
R <sub>YB</sub>	67, 196, 149
Decimal	7521347
CIE <sub>Lab</sub>	71.87, -47.27, 54.97
CIE <sub>LCh</sub>	72, 72.501, 130.692
Yxy	43.4625, 0.3321, 0.5212
Android (android.graphics.Color)	4285711427 (0xFF72C443)
YUV	156.7760, -44.2596, -37.5146
Hunter-Lab	65.9261, -40.3912, 35.1406

# Details

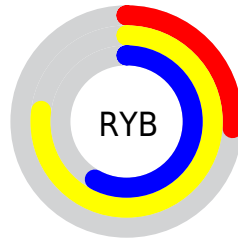
The Hex color **72C443** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9543C4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ABFD79**, and **388D00** is the 20% darker color. If you saturate the color by 10%, you get **66C42F**, and if you desaturate by 10%, it is **7EC457**.

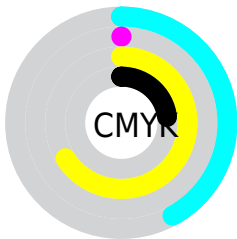
# Distribution



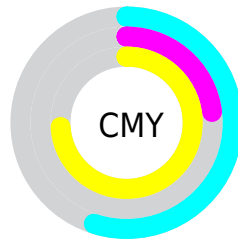
- Red (45%)
- Green (77%)
- Blue (26%)



- Red (26%)
- Yellow (77%)
- Blue (58%)



- Cyan (42%)
- Magenta (0%)
- Yellow (66%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C443 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 72C443 by changing the saturation by 10% instead.



 72C443

 72C443

FFFFFF

 56A827

 ABFD79

 388D00

 C8FF94

 137300

 E5FFB0

 005A00

 FFFFCC

 004200

 FFFFEE9

 002C00

 000D00

 000000

 72C443

 72C443

 66C42F

 7EC457

 59C41C

 8BC46A

 4DC408

 97C47E

 47C400

 A4C491

 B0C4A5

 BDC4B9

 C9C4CC

 D6C4E0

 E2C4F3

# Harmonies

## Analogous

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



BBB413



72C443



00CC82

# Triad

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



72C443



00C3FF



FF6F9B

# Complementary

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



72C443



9543C4

# 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.



FF78DD



72C443



4AB0FF

# Square

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



72C443



00CDFE



D194FF



FF815D

# Rectangle

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



72C443



00CFB0



D194FF



FF6FB1

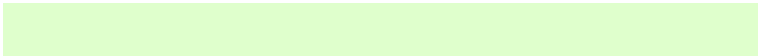


# Sweetspot

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



72C443



DFFFCC



C49543



6C8061



000000



808080



# Same Dimension

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



72C443



7FFF36



43C454



5B6157



3BA100



0C2100



# Inverse Universe

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



9543C4



B636FF



C443B3



5D5761



6600A1



150021



# Previews

## White Background



This preview shows how the Hex color 72C443 looks on a white background.

## Color Contrast Check

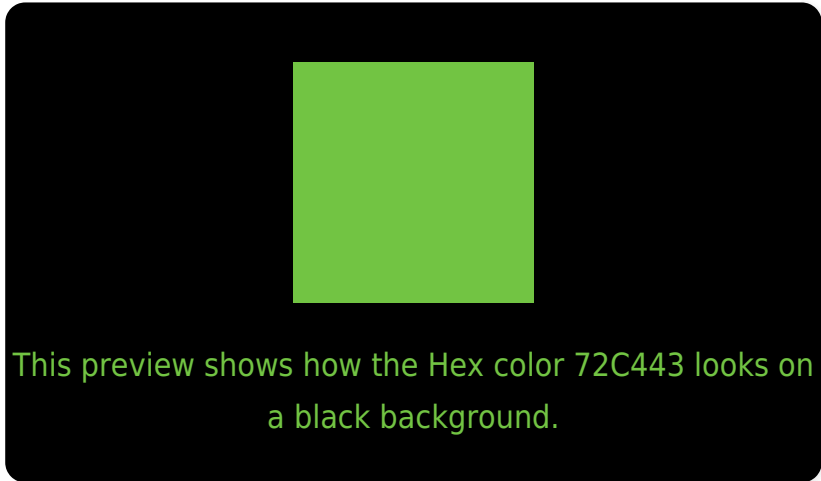
Large Text (above 18pt) WCAG AA × Fail

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 72C443 Background



This preview shows how black text looks on a background with the Hex color 72C443.

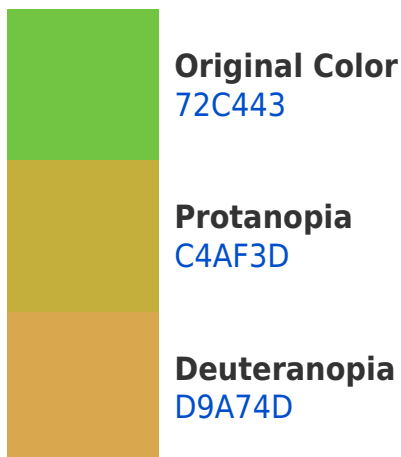


This preview shows how white text looks on a background with the Hex color 72C443.

# 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**  
87B7C6

# Trichromacy



**Original Color**

72C443



**Protanomaly**

A6B73F



**Deuteranomaly**

B4B249



**Tritanomaly**

7FBC96

# Monochromacy



**Original Color**

72C443



**Achromatopsia**

9D9D9D



**Achromatomaly**

8DAB7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C443 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 #72C443 looks like.

```
.text, #text, p{  
    color:#72C443  
}
```

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 #72C443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C443
}
```

## Border

The CSS property to change the border of an element to Hex 72C443 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
#72C443 }
```

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

```
.border{ border-color:#72C443 }
```

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

Here you see how a box with a 4 pixel #72C443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C443; -webkit-box-shadow:4px 4px  
4px 4px #72C443; box-shadow:4px 4px 4px  
4px #72C443 }
```

# Background

The CSS property to change the background color of an element to Hex 72C443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C443 }
```

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

```
.background{ background-color:#72C443 }
```

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