

# Converting Colors

Hex(72C469)

Have a look what the booklet for  
Hex(72C469) contains.

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# **Color**

**Hex(72C469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72C469
RGB	114, 196, 105
RGB Percent	45%, 77%, 41%
CMY	0.5529, 0.2314, 0.5882
CMYK	0.42, 0.00, 0.46, 0.23
HSL	114°, 44%, 59%
HSV	114°, 46%, 77%
XYZ	29.2292, 44.0772, 20.3318
YIQ	161.1080, -19.6610, -45.6850

# Conversions

## Conversions Part 2

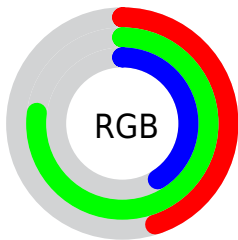
Format	Color
<a href="#">RYB</a>	<a href="#">105, 196, 187</a>
Decimal	<a href="#">7521385</a>
CIELab	<a href="#">72.28, -43.03, 37.89</a>
CIElCh	<a href="#">72, 57.333, 138.630</a>
Yxy	<a href="#">44.0772, 0.3122, 0.4707</a>
Android (android.graphics.Color)	<a href="#">4285711465</a> <a href="#">(0xFF72C469)</a>
YUV	<a href="#">161.1080, -27.6612, -41.3137</a>
Hunter-Lab	<a href="#">66.3906, -37.5972, 28.3162</a>

# Details

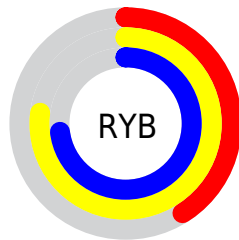
The Hex color **72C469** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BB69C4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **AAFD9E**, and **3A8E37** is the 20% darker color. If you saturate the color by 10%, you get **60C455**, and if you desaturate by 10%, it is **84C47D**.

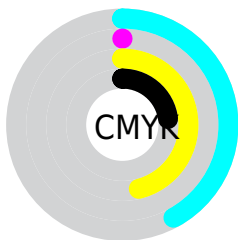
# Distribution



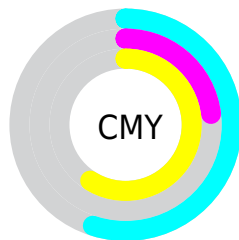
- Red (45%)
- Green (77%)
- Blue (41%)



- Red (41%)
- Yellow (77%)
- Blue (73%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C469 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 72C469 by changing the saturation by 10% instead.



 72C469

 72C469

FFFFFF

 57A850

 AAFD9E

 3A8E37

 C6FFB9

 1B731E

 E3FFD5

 005A02

 FFFFF2

 004200

 002C00

 000F00

 000000

 72C469

 72C469

 60C455

 84C47D

 4FC442

 95C490

 3DC42E

 A7C4A4

 2BC41B

 B9C4B7

 1AC407

 CAC4CB

 13C400

 DCC4DF

 EEC4F2

 FFC4FF

# Harmonies

## Analogous

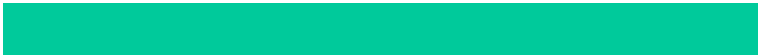
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFB848



72C469



00CA9B

# Triad

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



72C469



00BDFE



FF8593

# Complementary

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



72C469



BB69C4

# 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.



FF86C7



72C469



92ABFF

# Square

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



72C469



00C7FF



DE96F7



FF9464

# Rectangle

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



72C469



00CBBF



DE96F7



FF83A4

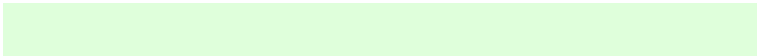


# Sweetspot

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



72C469



DFFFDB



C4BB69



6C806A



000000



808080



# Same Dimension

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



72C469



7EFF70



69C48D



586157



10A100



032100



# Inverse Universe

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



BB69C4



F170FF



C469A0



605761



9100A1



1E0021



# Previews

## White Background



This preview shows how the Hex color 72C469 looks on a white background.

## Color Contrast Check

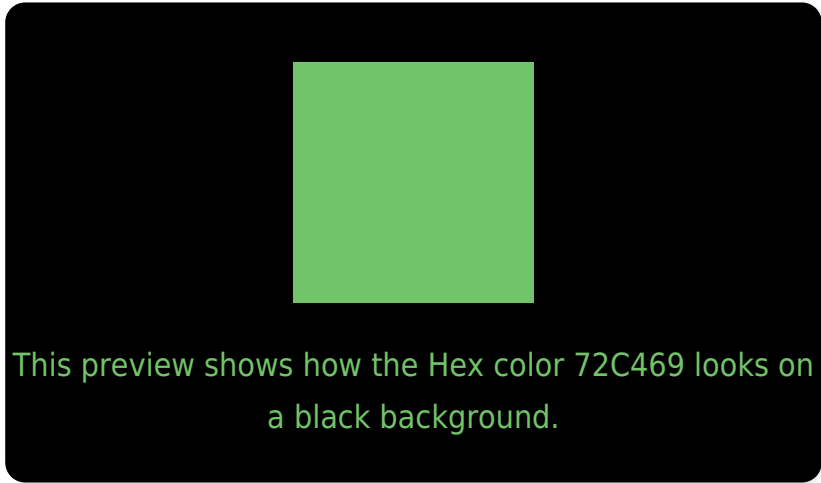
Large Text (above 18pt) WCAG AA × Fail

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

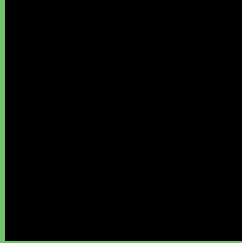
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72C469 Background



This preview shows how black text looks on a background with the Hex color 72C469.

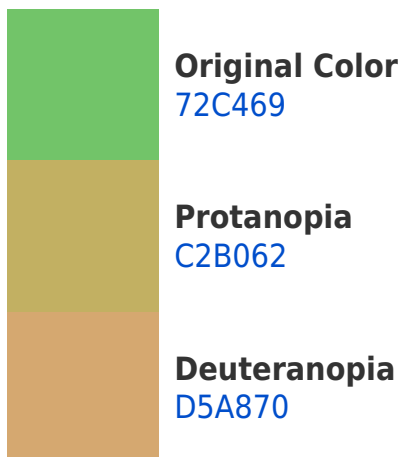


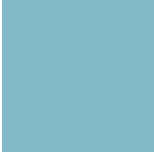
This preview shows how white text looks on a background with the Hex color 72C469.

# 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**  
84B9C8

# Trichromacy



**Original Color**  
72C469



**Protanomaly**  
A5B765



**Deuteranomaly**  
B1B26D



**Tritanomaly**  
7DBDA5

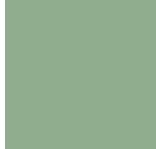
# Monochromacy



**Original Color**  
72C469



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
90AE8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C469 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 #72C469 looks like.

```
.text, #text, p{  
    color:#72C469  
}
```

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 #72C469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C469
}
```

## Border

The CSS property to change the border of an element to Hex 72C469 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
#72C469 }
```

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

```
.border{ border-color:#72C469 }
```

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

Here you see how a box with a 4 pixel #72C469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C469; -webkit-box-shadow:4px 4px  
4px 4px #72C469; box-shadow:4px 4px 4px  
4px #72C469 }
```

# Background

The CSS property to change the background color of an element to Hex 72C469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C469 }
```

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

```
.background{ background-color:#72C469 }
```

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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