

# Converting Colors

Hex(72C86E)

Have a look what the booklet for  
Hex(72C86E) contains.

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**Color**

**Hex(72C86E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C86E
RGB	114, 200, 110
RGB Percent	45%, 78%, 43%
CMY	0.5529, 0.2157, 0.5686
CMYK	0.43, 0.00, 0.45, 0.22
HSL	117°, 45%, 61%
HSV	117°, 45%, 78%
XYZ	30.4082, 46.0117, 22.0303
YIQ	164.0260, -22.3660, -46.2220

# Conversions

## Conversions Part 2

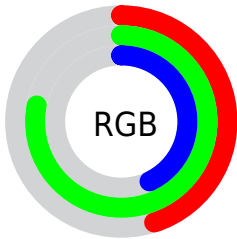
Format	Color
<a href="#">RYB</a>	<a href="#">110, 200, 196</a>
Decimal	<a href="#">7522414</a>
CIELab	<a href="#">73.55, -44.04, 36.99</a>
CIELCh	<a href="#">74, 57.509, 139.971</a>
Yxy	<a href="#">46.0117, 0.3089, 0.4674</a>
Android (android.graphics.Color)	<a href="#">4285712494 (0xFF72C86E)</a>
YUV	<a href="#">164.0260, -26.6348, -43.8728</a>
Hunter-Lab	<a href="#">67.8320, -38.6867, 28.2263</a>

# Details

The Hex color **72C86E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C46EC8**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AAFFA3**, and **3A913C** is the 20% darker color. If you saturate the color by 10%, you get **5FC85A**, and if you desaturate by 10%, it is **85C882**.

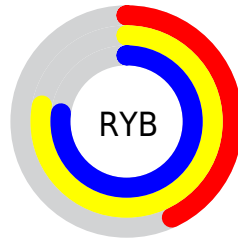
# Distribution



Red (45%)

Green (78%)

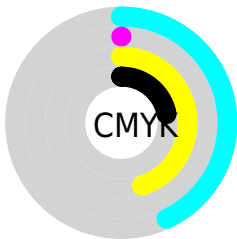
Blue (43%)



Red (43%)

Yellow (78%)

Blue (77%)

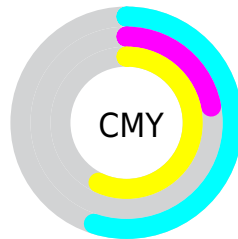


Cyan (43%)

Magenta (0%)

Yellow (45%)

Black (22%)



Cyan (55%)

Magenta (22%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C86E 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 72C86E by changing the saturation by 10% instead.



 72C86E

 72C86E

FFFFFF

 56AC55

 AAFFA3

 3A913C

 C7FFBE

 197724

 E4FFDB

 005E08

 FFFFF7

 004500

 002E00

 001500

 000000

 72C86E

 72C86E

 5FC85A

 85C882

 4CC846

 98C896

 39C832

 ABC8AA

 26C81E

 BEC8BE

 12C80A

 D2C8D2

 09C800

 E5C8E6

 F8C8FA

 FFC8FF

# Harmonies

## Analogous

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



B0BD4C



72C86E



00CEA1

# Triad

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



72C86E



00C0FF



FF8994

# Complementary

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



72C86E



C46EC8

# 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.



FF89C9



72C86E



9AAEFF

# Square

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



72C86E



00CBFF



E499F9



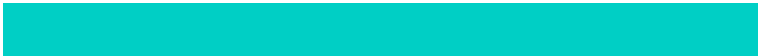
FF9866

# Rectangle

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



72C86E



00CFC5



E499F9



FF87A5

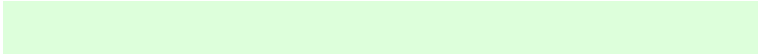


# Sweetspot

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



72C86E



DFFDB



C8C46E



6B806A



000000



808080



# Same Dimension

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



72C86E



7BFF75



6EC897



5A635A



07A300



022400



# Inverse Universe

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



C46EC8



F975FF



C86EA0



635A63



9C00A3



220024



# Previews

## White Background



This preview shows how the Hex color 72C86E looks on a white background.

## Color Contrast Check

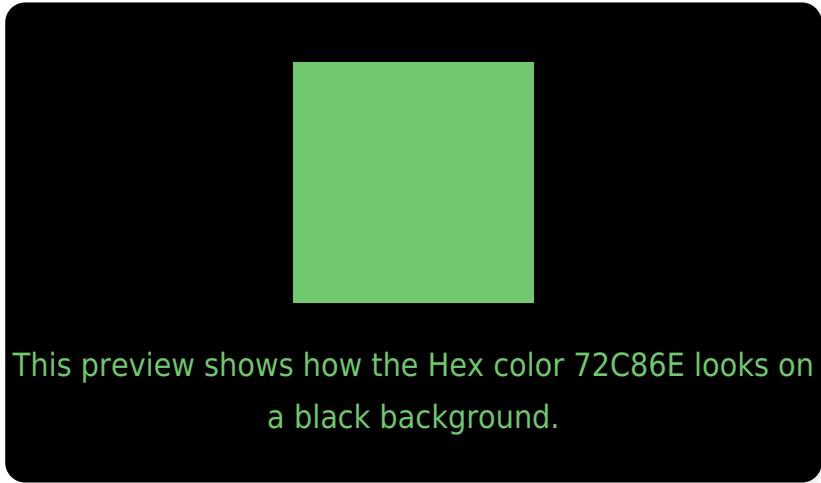
Large Text (above 18pt) WCAG AA × Fail

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

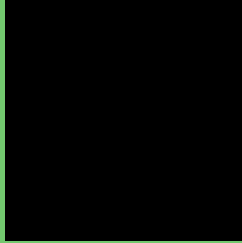
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72C86E Background



This preview shows how black text looks on a background with the Hex color 72C86E.

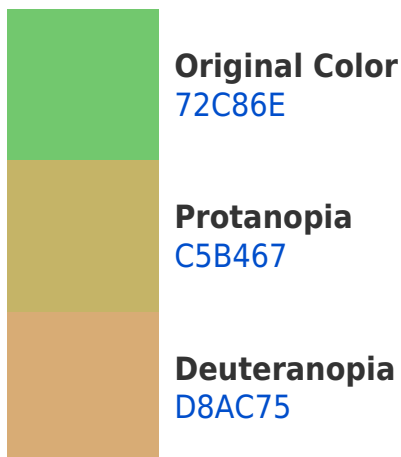


This preview shows how white text looks on a background with the Hex color 72C86E.

# 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





# Trichromacy



**Original Color**  
72C86E



**Protanomaly**  
A7BB6A



**Deuteranomaly**  
B3B672



**Tritanomaly**  
7EC1AA

# Monochromacy



**Original Color**  
72C86E



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
92B190

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C86E 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 #72C86E looks like.

```
.text, #text, p{  
    color:#72C86E  
}
```

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 #72C86E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C86E
}
```

## Border

The CSS property to change the border of an element to Hex 72C86E 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
#72C86E }
```

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

```
.border{ border-color:#72C86E }
```

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

Here you see how a box with a 4 pixel #72C86E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C86E; -webkit-box-shadow:4px 4px  
4px 4px #72C86E; box-shadow:4px 4px 4px  
4px #72C86E }
```

# Background

The CSS property to change the background color of an element to Hex 72C86E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C86E }
```

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

```
.background{ background-color:#72C86E }
```

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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