

Converting Colors

Hex(72C867)

Have a look what the booklet for
Hex(72C867) contains.

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Color

Hex(72C867)

Conversions

Conversions Part 1

Format	Color
Hex	72C867
RGB	114, 200, 103
RGB Percent	45%, 78%, 40%
CMY	0.5529, 0.2157, 0.5961
CMYK	0.43, 0.00, 0.48, 0.22
HSL	113°, 47%, 59%
HSV	113°, 48%, 78%
XYZ	30.0419, 45.8652, 20.1015
YIQ	163.2280, -20.1190, -48.3990

Conversions

Conversions Part 2

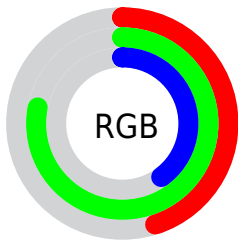
Format	Color
RYB	103, 200, 189
Decimal	7522407
CIELab	73.46, -45.00, 40.36
CIElCh	73, 60.448, 138.116
Yxy	45.8652, 0.3129, 0.4777
Android (android.graphics.Color)	4285712487 (0xFF72C867)
YUV	163.2280, -29.6924, -43.1730
Hunter-Lab	67.7239, -39.3353, 29.8085

Details

The Hex color **72C867** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD67C8**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AAFF9C**, and **3A9135** is the 20% darker color. If you saturate the color by 10%, you get **60C853**, and if you desaturate by 10%, it is **84C87B**.

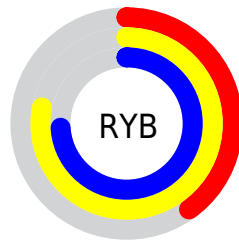
Distribution



Red (45%)

Green (78%)

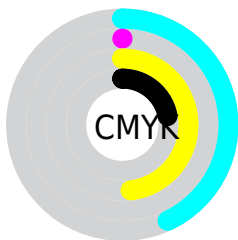
Blue (40%)



Red (40%)

Yellow (78%)

Blue (74%)

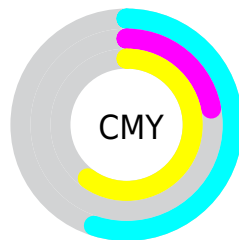


Cyan (43%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (55%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72C867 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 72C867 by changing the saturation by 10% instead.

 72C867

 72C867

FFFFFF

 56AC4E


 AAFF9C

 3A9135

 C7FFB7

 18771B

 E4FFD3

 005E00

 FFFFF0

 004500

 002E00

 001400

 000000

 72C867

 72C867

 60C853

 84C87B

 4FC83F

 95C88F

 3DC82B

 A7C8A3

 2BC817

 B9C8B7

 19C803

 CBC8CB

 17C800

 DCC8DF

 EEC8F3

 FFC8FF

Harmonies

Analogous

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



B3BC44



72C867



00CE9C

Triad

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



72C867



00C1FF



FF8595

Complementary

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



72C867



BD67C8

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.



FF86CD



72C867



90AFFF

Square

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



72C867



00CCFF



E298FF



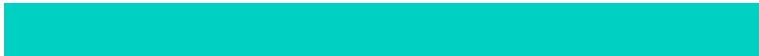
FF9564

Rectangle

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



72C867



00D0C2



E298FF



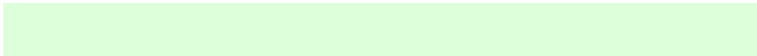
FF83A7

Sweetspot

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



72C867



DFFD9



C8BD67



6B8069



000000



808080

Same Dimension

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



72C867



7CFF6B



67C88C



5B635A



13A300



042400

Inverse Universe

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



BD67C8



EE6BFF



C867A3



625A63



9100A3



200024

Previews

White Background



This preview shows how the Hex color 72C867 looks on a white background.

Color Contrast Check

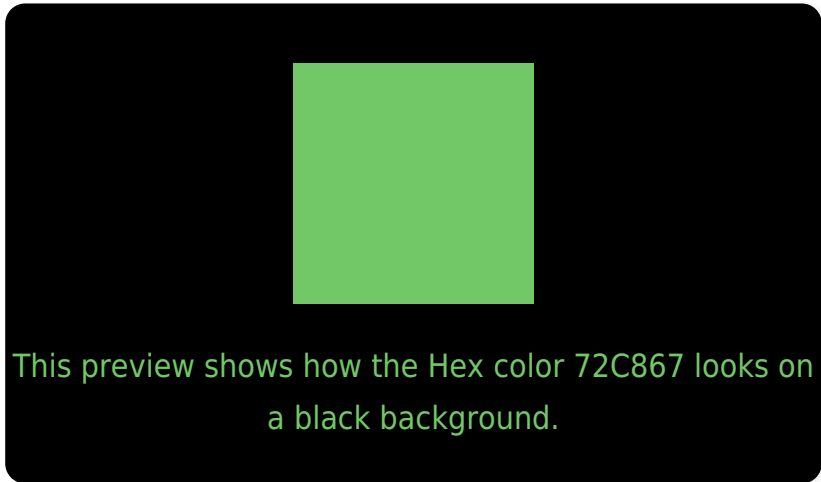
Large Text (above 18pt) WCAG AA × Fail

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

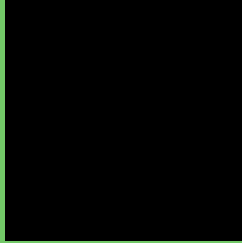
Any Text WCAG AA ✓ Pass

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 72C867 Background



This preview shows how black text looks on a background with the Hex color 72C867.

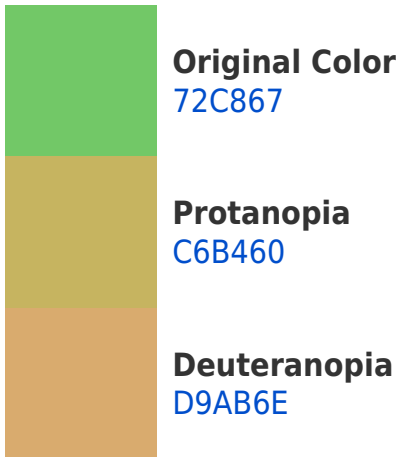


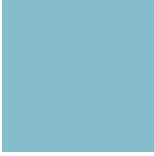
This preview shows how white text looks on a background with the Hex color 72C867.

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

72C867



Protanomaly

A7BB63



Deuteranomaly

B4B66B



Tritanomaly

7EC1A7

Monochromacy



Original Color

72C867



Achromatopsia

A3A3A3



Achromatomaly

91B08D

CSS Examples

Text

The CSS property to change the color of the text to Hex 72C867 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 #72C867 looks like.

```
.text, #text, p{  
    color:#72C867  
}
```

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 #72C867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C867
}
```

Border

The CSS property to change the border of an element to Hex 72C867 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
#72C867 }
```

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

```
.border{ border-color:#72C867 }
```

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

Here you see how a box with a 4 pixel #72C867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C867; -webkit-box-shadow:4px 4px  
4px 4px #72C867; box-shadow:4px 4px 4px  
4px #72C867 }
```

Background

The CSS property to change the background color of an element to Hex 72C867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C867 }
```

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

```
.background{ background-color:#72C867 }
```

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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