

Converting Colors

Hex(72C965)

Have a look what the booklet for
Hex(72C965) contains.

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Color

Hex(72C965)

Conversions

Conversions Part 1

Format	Color
Hex	72C965
RGB	114, 201, 101
RGB Percent	45%, 79%, 40%
CMY	0.5529, 0.2118, 0.6039
CMYK	0.43, 0.00, 0.50, 0.21
HSL	112°, 48%, 59%
HSV	112°, 50%, 79%
XYZ	30.1750, 46.2903, 19.6564
YIQ	163.5870, -19.7520, -49.5440

Conversions

Conversions Part 2

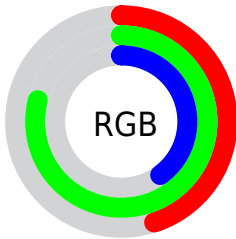
Format	Color
RYB	101, 201, 188
Decimal	7522661
CIELab	73.73, -45.69, 41.68
CIELCh	74, 61.843, 137.628
Yxy	46.2903, 0.3139, 0.4816
Android (android.graphics.Color)	4285712741 (0xFF72C965)
YUV	163.5870, -30.8554, -43.4878
Hunter-Lab	68.0370, -39.8982, 30.4965

Details

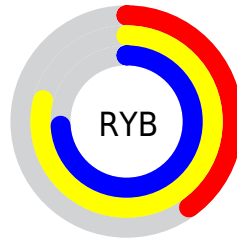
The Hex color **72C965** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BC65C9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AAFF9A**, and **399232** is the 20% darker color. If you saturate the color by 10%, you get **61C951**, and if you desaturate by 10%, it is **83C979**.

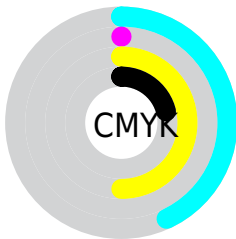
Distribution



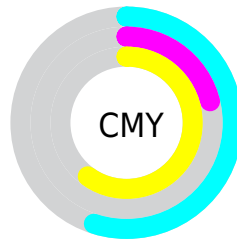
- Red (45%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (79%)
- Blue (74%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72C965 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 72C965 by changing the saturation by 10% instead.

 72C965

 72C965

FFFFFF

 56AD4C

 AAF9A

 399232

 C7FFB5

 177818

 E4FFD1

 005E00

 FFFFEE

 004600

 002F00

 001500

 000000

 72C965

 72C965

 61C951

 83C979

 4FC93D

 95C98D

 3EC929

 A6C9A1

 2CC915

 B8C9B5

 1BC900

 C9C9CA

 1AC900

 DBC9DE

 ECC9F2

 FEC9FF

 FFC9FF

Harmonies

Analogous

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



B4BD41



72C965



00D09B

Triad

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



72C965



00C2FF



FF8496

Complementary

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



72C965



BC65C9

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.



FF85CF



72C965



8EB0FF

Square

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



72C965



00CDFE



E398FF



FF9463

Rectangle

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



72C965



00D1C2



E398FF



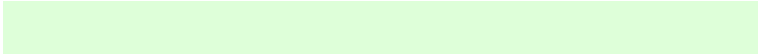
FF82A9

Sweetspot

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



72C965



DEFFD9



C9BC65



6C8069



000000



808080

Same Dimension

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



72C965



7AFF66



65C98A



5B635A



15A300



052400

Inverse Universe

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



BC65C9



EB66FF



C965A4



625A63



8E00A3



1F0024

Previews

White Background



This preview shows how the Hex color 72C965 looks on a white background.

Color Contrast Check

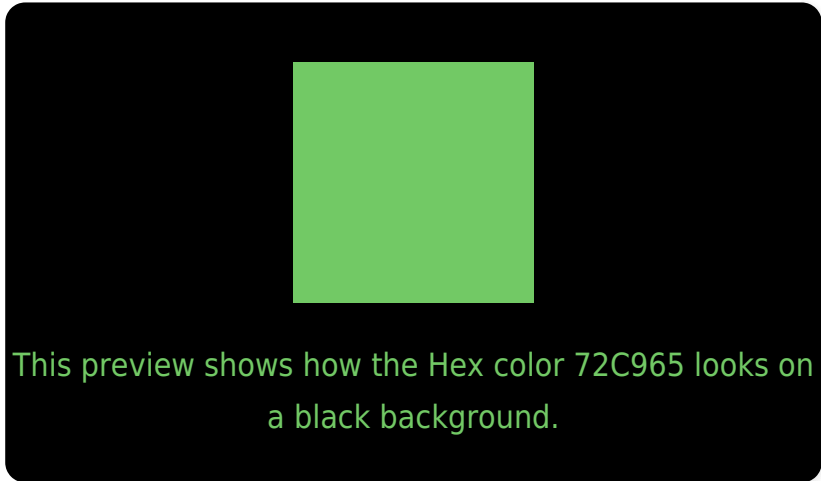
Large Text (above 18pt) WCAG AA × Fail

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

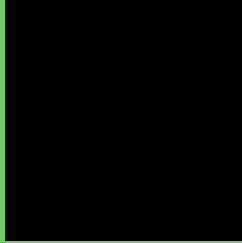
Any Text WCAG AA ✓ Pass

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 72C965 Background



This preview shows how black text looks on a background with the Hex color 72C965.

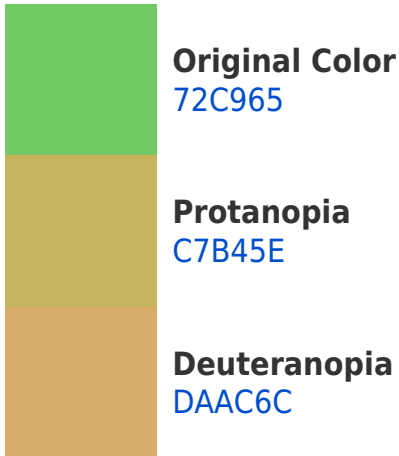


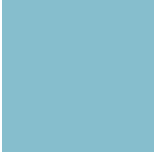
This preview shows how white text looks on a background with the Hex color 72C965.

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
86BECD

Trichromacy



Original Color

72C965



Protanomaly

A8BC61



Deuteranomaly

B4B769



Tritanomaly

7FC2A7

Monochromacy



Original Color

72C965



Achromatopsia

A4A4A4



Achromatomaly

92B18D

CSS Examples

Text

The CSS property to change the color of the text to Hex 72C965 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 #72C965 looks like.

```
.text, #text, p{  
    color:#72C965  
}
```

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 #72C965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C965
}
```

Border

The CSS property to change the border of an element to Hex 72C965 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
#72C965 }
```

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

```
.border{ border-color:#72C965 }
```

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

Here you see how a box with a 4 pixel #72C965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C965; -webkit-box-shadow:4px 4px  
4px 4px #72C965; box-shadow:4px 4px 4px  
4px #72C965 }
```

Background

The CSS property to change the background color of an element to Hex 72C965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C965 }
```

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

```
.background{ background-color:#72C965 }
```

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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