

Converting Colors

Hex(69C972)

Have a look what the booklet for
Hex(69C972) contains.

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Color

Hex(69C972)

Conversions

Conversions Part 1

Format	Color
Hex	69C972
RGB	105, 201, 114
RGB Percent	41%, 79%, 45%
CMY	0.5882, 0.2118, 0.5529
CMYK	0.48, 0.00, 0.43, 0.21
HSL	126°, 47%, 60%
HSV	126°, 48%, 79%
XYZ	29.7496, 45.9915, 23.2289
YIQ	162.3780, -29.2890, -47.4090

Conversions

Conversions Part 2

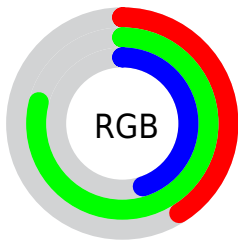
Format	Color
RYB	105, 193, 201
Decimal	6932850
CIELab	73.54, -46.47, 34.87
CIELCh	74, 58.097, 143.110
Yxy	45.9915, 0.3006, 0.4647
Android (android.graphics.Color)	4285122930 (0xFF69C972)
YUV	162.3780, -23.8504, -50.3205
Hunter-Lab	67.8170, -40.3763, 27.1637

Details

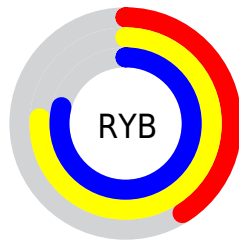
The Hex color **69C972** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C969C0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A1FFA7**, and **2E9240** is the 20% darker color. If you saturate the color by 10%, you get **55C960**, and if you desaturate by 10%, it is **7DC984**.

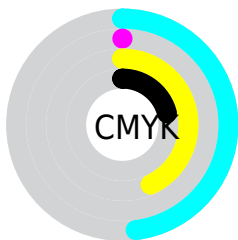
Distribution



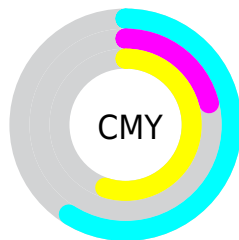
- Red (41%)
- Green (79%)
- Blue (45%)



- Red (41%)
- Yellow (76%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (43%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69C972 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 69C972 by changing the saturation by 10% instead.

 69C972

 69C972

FFFFFF

 4DAD59

 A1FFA7

 2E9240

 BEFFC3

 007828

 DBFFDF

 005E0F

 F9FFFC

 004600

 002F00

 001500

 000000

 69C972

 69C972

■ 55C960

■ 7DC984

■ 41C94E

■ 91C996

■ 2DC93B

■ A5C9A9

■ 19C929

■ B9C9BB

■ 05C917

■ CEC9CD

■ 00C913

■ E2C9DF

■ F6C9F2

■ FFC9FF

Harmonies

Analogous

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



AABE4D



69C972



00CEA6

Triad

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



69C972



00BEFF



FF898E

Complementary

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



69C972



C969C0

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.



FF87C3



69C972



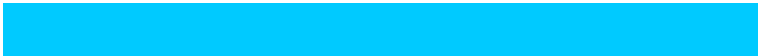
A3ACFF

Square

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



69C972



00CAFF



EA96F5



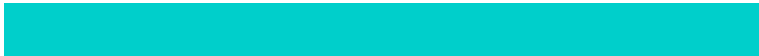
FF9961

Rectangle

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



69C972



00CFCB



EA96F5



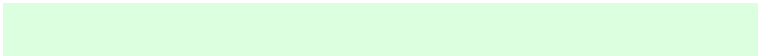
FF869F

Sweetspot

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



69C972



DBFFDF



C1C969



6A806C



000000



808080

Same Dimension

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



69C972



6EFF7B



69C9A1



5A635A



00A30F



002403

Inverse Universe

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



C969C0



FF6EF1



C96991



635A63



A30094



240020

Previews

White Background



This preview shows how the Hex color 69C972 looks on a white background.

Color Contrast Check

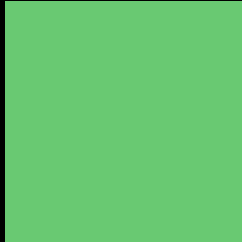
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 69C972 looks on a 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 69C972 Background



This preview shows how black text looks on a background with the Hex color 69C972.

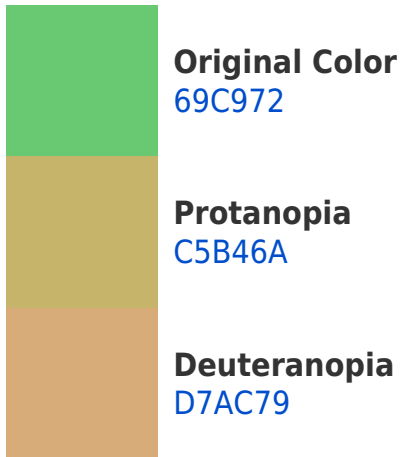


This preview shows how white text looks on a background with the Hex color 69C972.

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
69C972



Protanomaly
A4BC6D



Deuteranomaly
AFB776



Tritanomaly
76C2AD

Monochromacy



Original Color
69C972



Achromatopsia
A2A2A2



Achromatomaly
8DB091

CSS Examples

Text

The CSS property to change the color of the text to Hex 69C972 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 #69C972 looks like.

```
.text, #text, p{  
    color:#69C972  
}
```

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 #69C972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C972
}
```

Border

The CSS property to change the border of an element to Hex 69C972 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
#69C972 }
```

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

```
.border{ border-color:#69C972 }
```

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

Here you see how a box with a 4 pixel #69C972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C972; -webkit-box-shadow:4px 4px  
4px 4px #69C972; box-shadow:4px 4px 4px  
4px #69C972 }
```

Background

The CSS property to change the background color of an element to Hex 69C972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C972 }
```

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

```
.background{ background-color:#69C972 }
```

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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