

# Converting Colors

Hex(69C960)

Have a look what the booklet for  
Hex(69C960) contains.

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# **Color**

**Hex(69C960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C960
RGB	105, 201, 96
RGB Percent	41%, 79%, 38%
CMY	0.5882, 0.2118, 0.6235
CMYK	0.48, 0.00, 0.52, 0.21
HSL	115°, 49%, 58%
HSV	115°, 52%, 79%
XYZ	28.8237, 45.6211, 18.3529
YIQ	160.3260, -23.5110, -53.0070

# Conversions

## Conversions Part 2

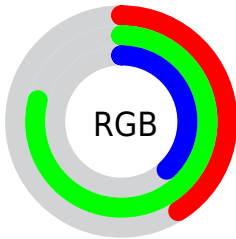
Format	Color
<a href="#">RYB</a>	<a href="#">96, 201, 192</a>
Decimal	<a href="#">6932832</a>
CIELab	<a href="#">73.30, -48.99, 43.49</a>
CIElCh	<a href="#">73, 65.503, 138.404</a>
Yxy	<a href="#">45.6211, 0.3106, 0.4916</a>
Android (android.graphics.Color)	<a href="#">4285122912 (0xFF69C960)</a>
YUV	<a href="#">160.3260, -31.7127, -48.5209</a>
Hunter-Lab	<a href="#">67.5434, -42.0273, 31.1701</a>

# Details

The Hex color **69C960** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C060C9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A2FF95**, and **2D922D** is the 20% darker color. If you saturate the color by 10%, you get **57C94C**, and if you desaturate by 10%, it is **7BC974**.

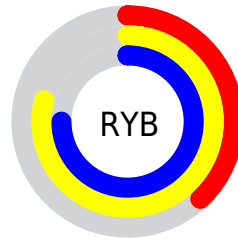
# Distribution



Red (41%)

Green (79%)

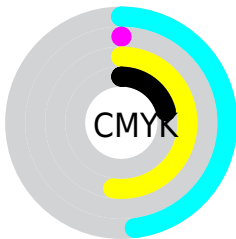
Blue (38%)



Red (38%)

Yellow (79%)

Blue (75%)

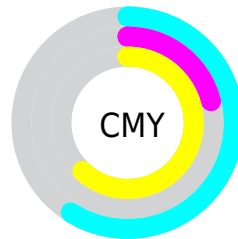


Cyan (48%)

Magenta (0%)

Yellow (52%)

Black (21%)



Cyan (59%)

Magenta (21%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C960 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 69C960 by changing the saturation by 10% instead.



 69C960

 69C960

FFFFFF

 4CAD46


 A2FF95

 2D922D

 BFFF80

 007811

 DCFFCC

 005E00

 FAFFE9

 004500

 002F00

 001400

 000000

 69C960

 69C960

 57C94C

 7BC974

 44C938


 8EC988

 32C924

 A0C99C

 1FC910

 B3C9B0

 11C900

 C5C9C5

 D7C9D9

 EAC9ED

 FCC9FF

 FFC9FF

# Harmonies

## Analogous

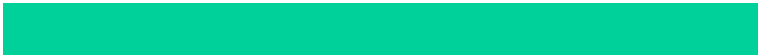
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B0BC37



69C960



00D09A

# Triad

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



69C960



00C1FF



FF7F92

# Complementary

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



69C960



C060C9

# 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.



FF80CE



69C960



8BAEFF

# Square

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



69C960



00CFFF



E694FF



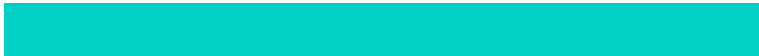
FF915C

# Rectangle

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



69C960



00D1C4



E694FF



FF7CA5

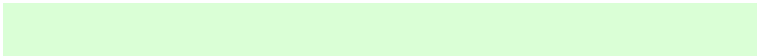


# Sweetspot

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



69C960



DAFFD6



C9BF60



698067



000000



808080



# Same Dimension

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



69C960



6CFF5E



60C98A



5A635A



0EA300



032400



# Inverse Universe

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



C060C9



F15EFF



C9609F



635A63



9500A3



210024



# Previews

## White Background



This preview shows how the Hex color 69C960 looks on a white background.

## Color Contrast Check

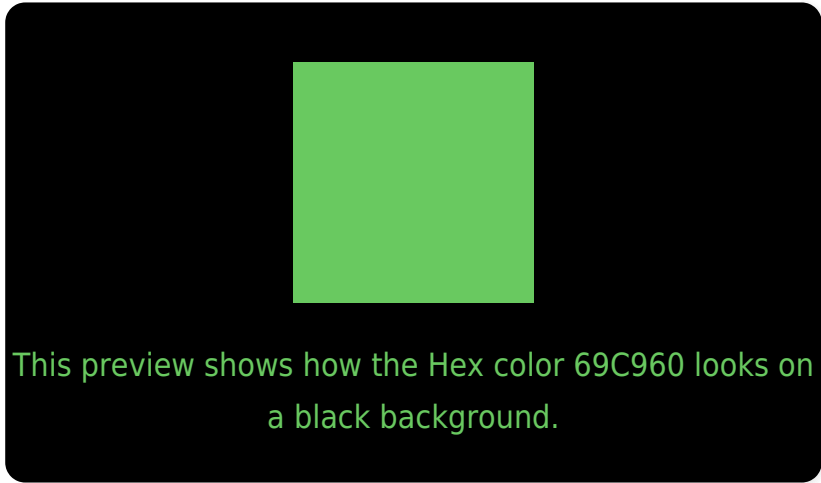
Large Text (above 18pt) WCAG AA × Fail

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

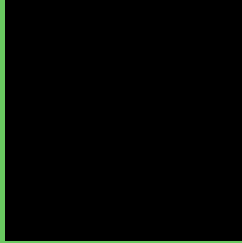
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69C960 Background



This preview shows how black text looks on a background with the Hex color 69C960.

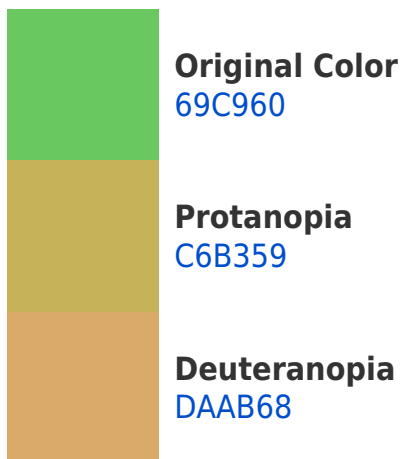


This preview shows how white text looks on a background with the Hex color 69C960.

# 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**  
69C960



**Protanomaly**  
A4BB5C



**Deuteranomaly**  
B1B665



**Tritanomaly**  
77C1A5

# Monochromacy



**Original Color**  
69C960



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
8CAF89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C960 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 #69C960 looks like.

```
.text, #text, p{  
    color:#69C960  
}
```

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 #69C960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C960
}
```

## Border

The CSS property to change the border of an element to Hex 69C960 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
#69C960 }
```

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

```
.border{ border-color:#69C960 }
```

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

Here you see how a box with a 4 pixel #69C960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C960; -webkit-box-shadow:4px 4px  
4px 4px #69C960; box-shadow:4px 4px 4px  
4px #69C960 }
```

# Background

The CSS property to change the background color of an element to Hex 69C960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C960 }
```

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

```
.background{ background-color:#69C960 }
```

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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