

# Converting Colors

Hex(69D022)

Have a look what the booklet for  
Hex(69D022) contains.

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**Color**

**Hex(69D022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69D022
RGB	105, 208, 34
RGB Percent	41%, 82%, 13%
CMY	0.5882, 0.1843, 0.8667
CMYK	0.50, 0.00, 0.84, 0.18
HSL	96°, 72%, 47%
HSV	96°, 84%, 82%
XYZ	28.6703, 48.2305, 9.3117
YIQ	157.3670, -5.5340, -75.9500

# Conversions

## Conversions Part 2

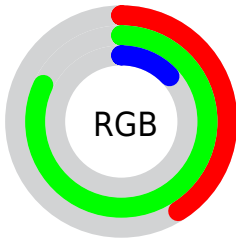
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 208, 137
Decimal	6934562
CIELab	74.97, -56.79, 68.73
CIELCh	75, 89.154, 129.564
Yxy	48.2305, 0.3326, 0.5594
Android (android.graphics.Color)	4285124642 (0xFF69D022)
YUV	157.3670, -60.8199, -45.9259
Hunter-Lab	69.4482, -47.8441, 40.6640

# Details

The Hex color **69D022** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8922D0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A5FF60**, and **259900** is the 20% darker color. If you saturate the color by 10%, you get **5DD00D**, and if you desaturate by 10%, it is **75D037**.

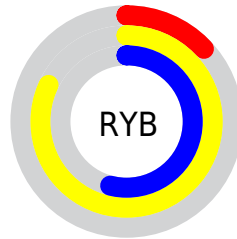
# Distribution



Red (41%)

Green (82%)

Blue (13%)



Red (13%)

Yellow (82%)

Blue (54%)

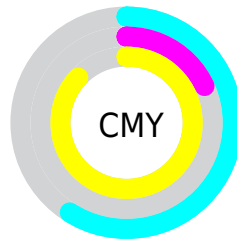


Cyan (50%)

Magenta (0%)

Yellow (84%)

Black (18%)



Cyan (59%)

Magenta (18%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69D022 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 69D022 by changing the saturation by 10% instead.



 69D022

 69D022

FFFFFF

 4AB400

 A5FF60

 259900

 C3FF7D

 007E00

 E1FF99

 006400

 FFFFB6

 004B00

 FFFFD3

 003400

 FFFFF0

 001A00

 000000

 69D022

 69D022

■ 5DD00D

■ 75D037

■ 55D000

■ 82D04C

■ 8ED060

■ 9AD075

■ A7D08A

■ B3D09F

■ BFD0B4

■ CCD0C8

■ D8D0DD

# Harmonies

## Analogous

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



C5BD00



69D022



00DA7C

# Triad

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



69D022



00D1FF



FF5CA2

# Complementary

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



69D022



8922D0

# 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.



FF6CF4



69D022



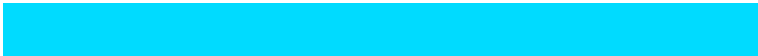
00BAFF

# Square

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



69D022



00DBFF



DB96FF



FF7853

# Rectangle

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



69D022



00DDB5



DB96FF



FF5BBD

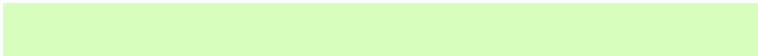


# Sweetspot

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



69D022



D9FFBF



D08822



698059



000000



808080



# Same Dimension

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



69D022



68FF00



22D030



62695E



45A800



112900



# Inverse Universe

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



8922D0



9700FF



D022C2



645E69



6400A8

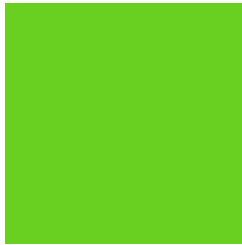


180029



# Previews

## White Background



This preview shows how the Hex color 69D022 looks on a white background.

## Color Contrast Check

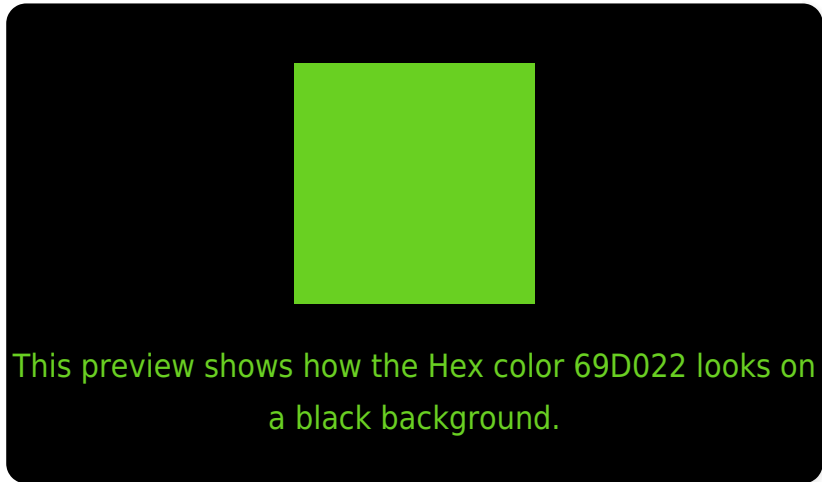
Large Text (above 18pt) WCAG AA × Fail

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 69D022 Background



This preview shows how black text looks on a background with the Hex color 69D022.



This preview shows how white text looks on a background with the Hex color 69D022.

# 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



**Original Color**  
69D022

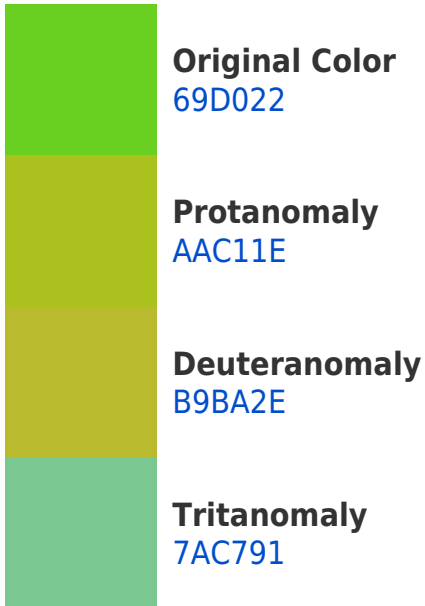
**Protanopia**  
CFB81B

**Deuteranopia**  
E6AE35

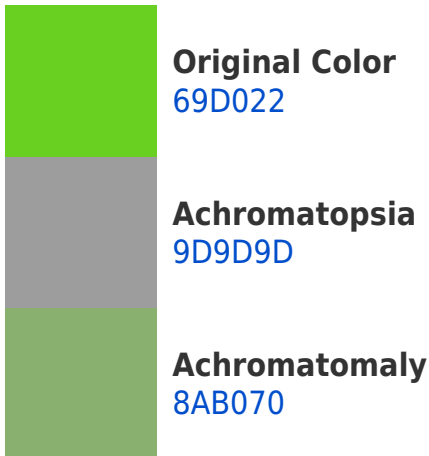


**Tritanopia**  
84C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69D022 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 #69D022 looks like.

```
.text, #text, p{  
    color:#69D022  
}
```

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 #69D022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D022
}
```

## Border

The CSS property to change the border of an element to Hex 69D022 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
#69D022 }
```

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

```
.border{ border-color:#69D022 }
```

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

Here you see how a box with a 4 pixel #69D022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D022; -webkit-box-shadow:4px 4px  
4px 4px #69D022; box-shadow:4px 4px 4px  
4px #69D022 }
```

# Background

The CSS property to change the background color of an element to Hex 69D022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D022 }
```

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

```
.background{ background-color:#69D022 }
```

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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