

# Converting Colors

Hex(69C464)

Have a look what the booklet for  
Hex(69C464) contains.

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# **Color**

**Hex(69C464)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69C464
RGB	105, 196, 100
RGB Percent	41%, 77%, 39%
CMY	0.5882, 0.2314, 0.6078
CMYK	0.46, 0.00, 0.49, 0.23
HSL	117°, 45%, 58%
HSV	117°, 49%, 77%
XYZ	27.8659, 43.4032, 18.9656
YIQ	157.8470, -23.4200, -49.1480

# Conversions

## Conversions Part 2

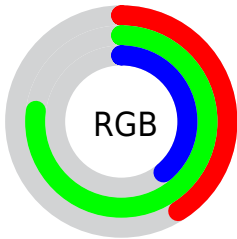
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 196, 191
Decimal	6931556
CIELab	71.83, -46.41, 39.73
CIELCh	72, 61.093, 139.431
Yxy	43.4032, 0.3088, 0.4810
Android (android.graphics.Color)	4285121636 (0xFF69C464)
YUV	157.8470, -28.5186, -46.3468
Hunter-Lab	65.8811, -39.7914, 29.0486

# Details

The Hex color **69C464** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BF64C4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A1FD99**, and **2F8D32** is the 20% darker color. If you saturate the color by 10%, you get **56C450**, and if you desaturate by 10%, it is **7CC478**.

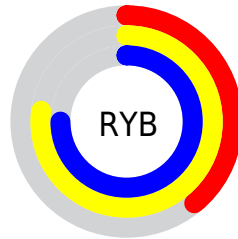
# Distribution



Red (41%)

Green (77%)

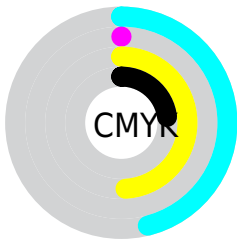
Blue (39%)



Red (39%)

Yellow (77%)

Blue (75%)

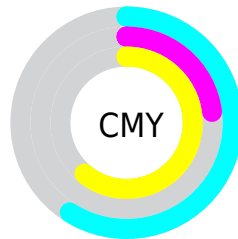


Cyan (46%)

Magenta (0%)

Yellow (49%)

Black (23%)



Cyan (59%)

Magenta (23%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C464 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 69C464 by changing the saturation by 10% instead.



 69C464

 69C464

FFFFFF

 4DA84B

 A1FD99

 2F8D32

 BEFFB4

 027318

 DBFFD0

 005A00

 F9FFEC

 004100

 002C00

 000C00

 000000

 69C464

 69C464

 56C450

 7CC478

 44C43D

 8EC48B

 31C429

 A1C49F

 1FC416

 B3C4B2

 0CC402

 C6C4C6

 0AC400

 D8C4DA

 EBC4ED

 FEC4FF

 FFC4FF

# Harmonies

## Analogous

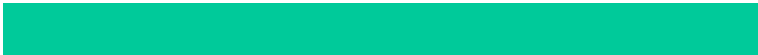
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABB83F



69C464



00CA9A

# Triad

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



69C464



00BCFF



FF808E

# Complementary

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



69C464



BF64C4

# 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.



FF80C6



69C464



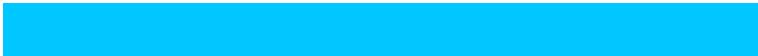
90A9FF

# Square

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



69C464



00C7FF



E192F9



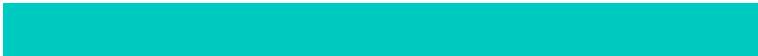
FF915D

# Rectangle

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



69C464



00CBC1



E192F9



FF7EA1

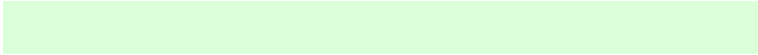


# Sweetspot

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



69C464



DBFFD9



C4BE64



6A8069



000000



808080



# Same Dimension

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



69C464



70FF69



64C48E



586157



08A100



022100



# Inverse Universe

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



BF64C4



F769FF



C4649A



605761



9800A1



1F0021



# Previews

## White Background



This preview shows how the Hex color 69C464 looks on a white background.

## Color Contrast Check

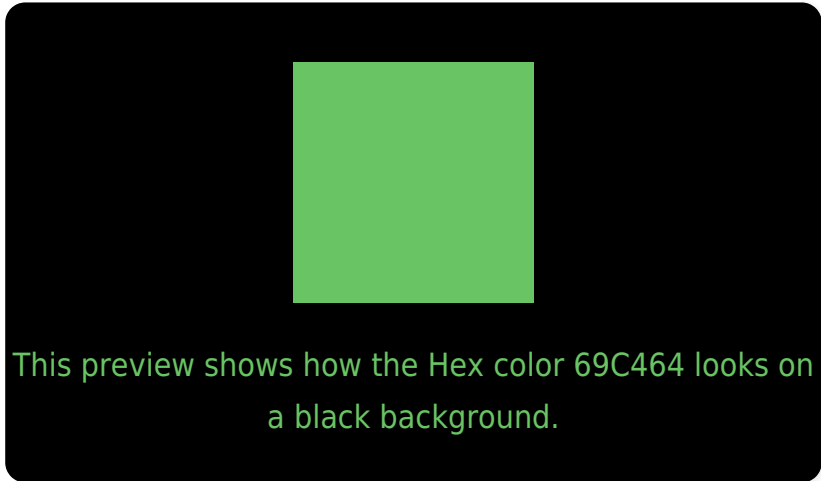
Large Text (above 18pt) WCAG AA × Fail

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

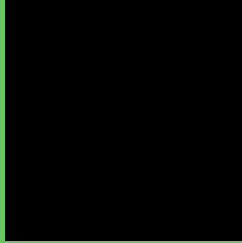
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69C464 Background



This preview shows how black text looks on a background with the Hex color 69C464.

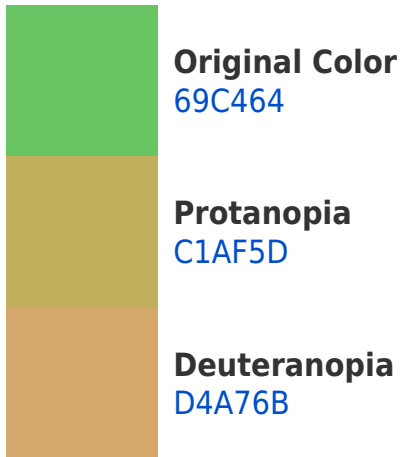


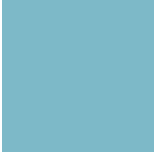
This preview shows how white text looks on a background with the Hex color 69C464.

# 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](#).

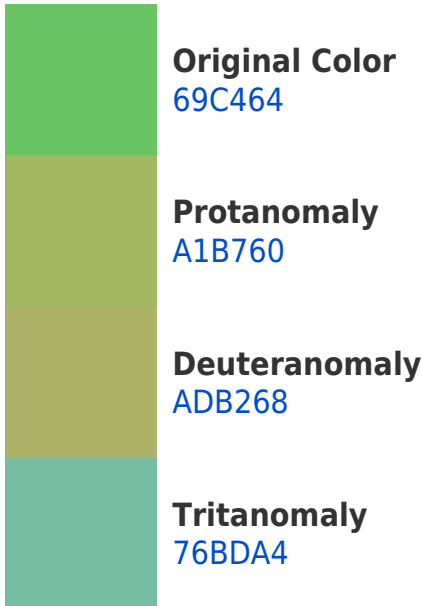
## Dichromacy



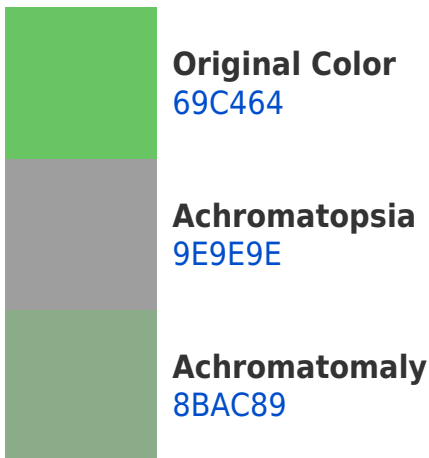


**Tritanopia**  
7DB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C464 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 #69C464 looks like.

```
.text, #text, p{  
    color:#69C464  
}
```

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 #69C464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C464
}
```

## Border

The CSS property to change the border of an element to Hex 69C464 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
#69C464 }
```

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

```
.border{ border-color:#69C464 }
```

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

Here you see how a box with a 4 pixel #69C464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C464; -webkit-box-shadow:4px 4px  
4px 4px #69C464; box-shadow:4px 4px 4px  
4px #69C464 }
```

# Background

The CSS property to change the background color of an element to Hex 69C464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C464 }
```

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

```
.background{ background-color:#69C464 }
```

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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