

# Converting Colors

Hex(69942A)

Have a look what the booklet for  
Hex(69942A) contains.

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**Color**

**Hex(69942A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69942A
RGB	105, 148, 42
RGB Percent	41%, 58%, 16%
CMY	0.5882, 0.4196, 0.8353
CMYK	0.29, 0.00, 0.72, 0.42
HSL	84°, 56%, 37%
HSV	84°, 72%, 58%
XYZ	16.8335, 24.3502, 6.0033
YIQ	123.0590, 8.3980, -42.0820

# Conversions

## Conversions Part 2

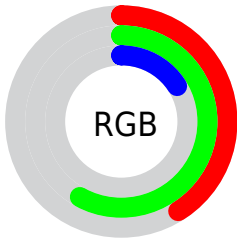
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 148, 85
Decimal	6919210
CIE <sub>Lab</sub>	56.44, -31.44, 48.77
CIE <sub>LCh</sub>	56, 58.024, 122.806
Yxy	24.3502, 0.3567, 0.5160
Android (android.graphics.Color)	4285109290 (0xFF69942A)
YUV	123.0590, -39.9621, -15.8377
Hunter-Lab	49.3460, -25.4632, 27.3291

# Details

The Hex color **69942A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **552A94**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9FCA5E**, and **346100** is the 20% darker color. If you saturate the color by 10%, you get **63941B**, and if you desaturate by 10%, it is **6F9439**.

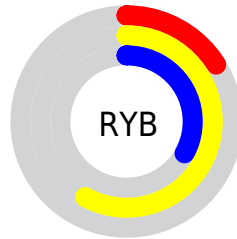
# Distribution



Red (41%)

Green (58%)

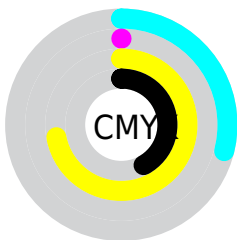
Blue (16%)



Red (16%)

Yellow (58%)

Blue (33%)

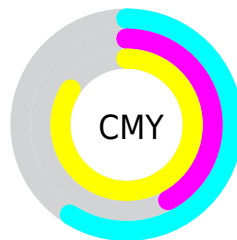


Cyan (29%)

Magenta (0%)

Yellow (72%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69942A 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 69942A by changing the saturation by 10% instead.



 69942A

 69942A

FFFFFF

 4F7A0B

 9FCA5E

 346100

 BBE778

 1A4900

 D8FF93

 003200

 F5FFAF

 001F00

 FFFFCB

 000000

 FFFFE7

 69942A

 69942A

 63941B

 6F9439

■ 5D940C

■ 759448

■ 589400

■ 7B9456

■ 819465

■ 879474

■ 8D9483

■ 939492

■ 9994A0

■ 9F94AF

# Harmonies

## Analogous

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



9D8612



69942A



009C57

# Triad

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



69942A



0098E1



E15685

# Complementary

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



69942A



552A94

# 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.



C862B6



69942A



008CED

# Square

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



69942A



009EBD



8E78DD



DE5F54

# Rectangle

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



69942A



009E79



8E78DD



DC5896



# Sweetspot

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



69942A



AFBF97



94542A



576149



E0E0E0



616161



# Same Dimension

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



69942A



7DBF1B



35942A



474A43



528A00



060A00



# Inverse Universe

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



552A94



5D1BBF



892A94



46434A



38008A



04000A



# Previews

## White Background



This preview shows how the Hex color 69942A looks on a white background.

## Color Contrast Check

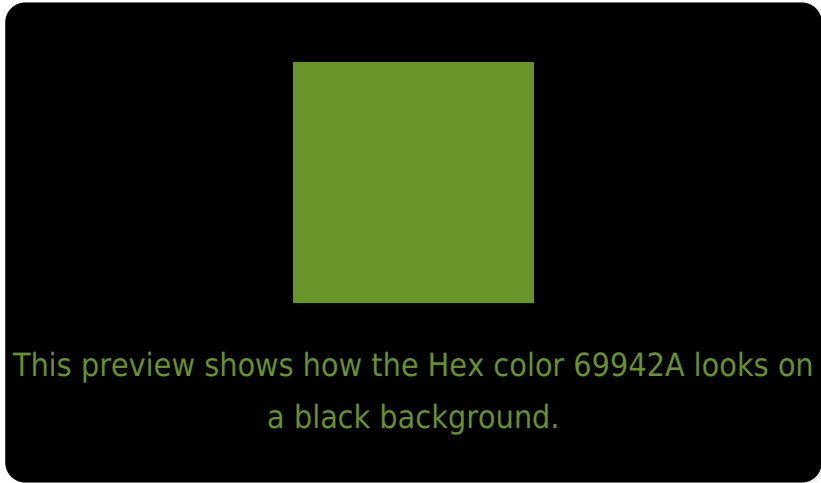
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 69942A Background



This preview shows how black text looks on a background with the Hex color 69942A.



This preview shows how white text looks on a background with the Hex color 69942A.

# 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](#).

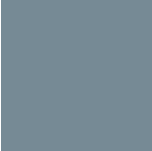
## Dichromacy



**Original Color**  
69942A

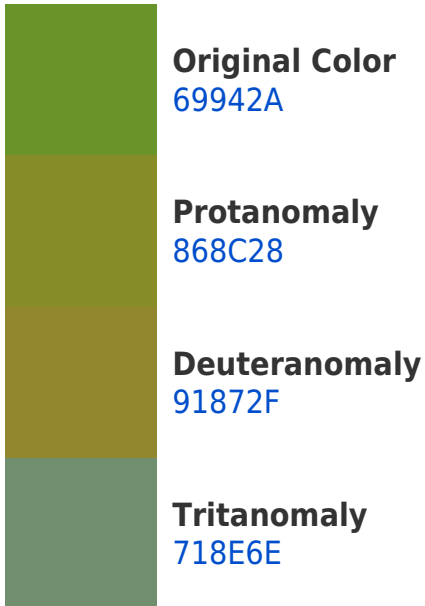
**Protanopia**  
978727

**Deuteranopia**  
A88032

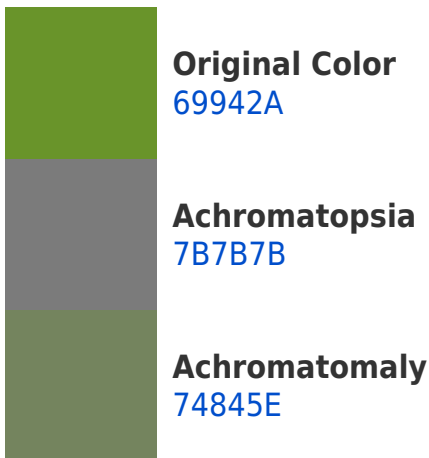


**Tritanopia**  
768A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69942A 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 #69942A looks like.

```
.text, #text, p{  
    color:#69942A  
}
```

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 #69942A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69942A
}
```

## Border

The CSS property to change the border of an element to Hex 69942A 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
#69942A }
```

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

```
.border{ border-color:#69942A }
```

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

Here you see how a box with a 4 pixel #69942A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69942A; -webkit-box-shadow:4px 4px  
4px 4px #69942A; box-shadow:4px 4px 4px  
4px #69942A }
```

# Background

The CSS property to change the background color of an element to Hex 69942A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69942A }
```

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

```
.background{ background-color:#69942A }
```

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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