

# Converting Colors

Hex(69A24B)

Have a look what the booklet for  
Hex(69A24B) contains.

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**Color**

**Hex(69A24B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69A24B
RGB	105, 162, 75
RGB Percent	41%, 64%, 29%
CMY	0.5882, 0.3647, 0.7059
CMYK	0.35, 0.00, 0.54, 0.36
HSL	99°, 37%, 46%
HSV	99°, 54%, 64%
XYZ	20.0160, 29.3519, 11.2671
YIQ	135.0390, -6.0450, -39.1410

# Conversions

## Conversions Part 2

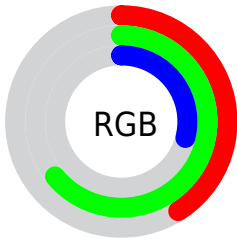
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 162, 132
Decimal	6922827
CIELab	61.09, -34.81, 39.02
CIElCh	61, 52.293, 131.740
Yxy	29.3519, 0.3301, 0.4841
Android (android.graphics.Color)	4285112907 (0xFF69A24B)
YUV	135.0390, -29.5992, -26.3442
Hunter-Lab	54.1774, -28.8630, 25.5938

# Details

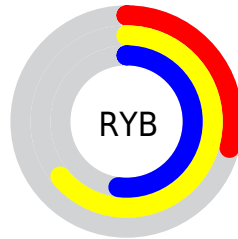
The Hex color **69A24B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **844BA2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9FD97E**, and **346E19** is the 20% darker color. If you saturate the color by 10%, you get **5EA23B**, and if you desaturate by 10%, it is **74A25B**.

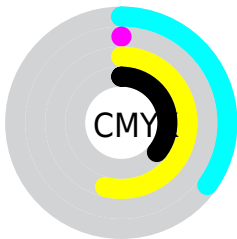
# Distribution



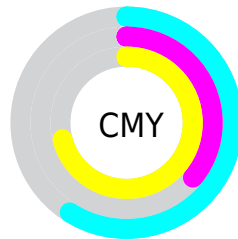
- Red (41%)
- Green (64%)
- Blue (29%)



- Red (29%)
- Yellow (64%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (54%)
- Black (36%)



- Cyan (59%)
- Magenta (36%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69A24B 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 69A24B by changing the saturation by 10% instead.





69A24B



69A24B

FFFFFF



4F8732



9FD97E



346E19



BBF699



185500



D7FFB4



003D00



F4FFD0



002800



FFFFEC



000700



000000



69A24B



69A24B



5EA23B



74A25B

 54A22B

 7EA26B

 49A21A

 89A27C

 3FA20A

 93A28C

 38A200

 9EA29C

 A9A2AC

 B3A2BC

 BEA2CD

 C9A2DD

# Harmonies

## Analogous

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



9C9733



69A24B



00A875

# Triad

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



69A24B



00A0EB



E96A83

# Complementary

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



69A24B



844BA2

# 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.



D96FB2



69A24B



6192EE

# Square

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



69A24B



00A8D0



AE80D9



E07558

# Rectangle

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



69A24B



00AA95



AE80D9



E76A93



# Sweetspot

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



69A24B



BDD4B2



A2844B



5E6B57



EBEBEB



6B6B6B



# Same Dimension

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



69A24B



7BD44C



4BA258



4C5249



329100



061200



# Inverse Universe

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



844BA2



A54CD4



A24B95



4F4952



5F0091



0C0012



# Previews

## White Background



This preview shows how the Hex color 69A24B looks on a white background.

## Color Contrast Check

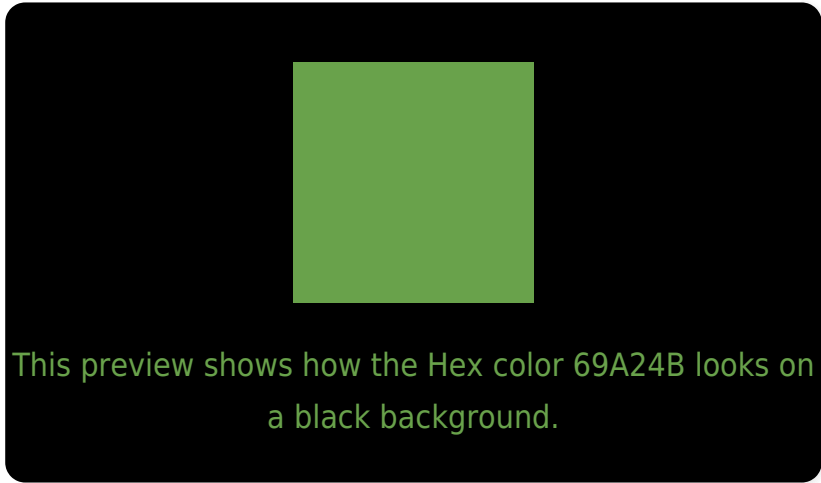
Large Text (above 18pt) WCAG AA ✓ Pass

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 69A24B Background



This preview shows how black text looks on a background with the Hex color 69A24B.



This preview shows how white text looks on a background with the Hex color 69A24B.

# 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**  
69A24B

**Protanopia**  
A39346

**Deuteranopia**  
B38C51



**Tritanopia**  
7798A5

# Trichromacy



**Original Color**  
69A24B

**Protanomaly**  
8E9848

**Deuteranomaly**  
98944F

**Tritanomaly**  
729C84

# Monochromacy



**Original Color**  
69A24B

**Achromatopsia**  
878787

**Achromatomaly**  
7C9171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69A24B 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 #69A24B looks like.

```
.text, #text, p{  
    color:#69A24B  
}
```

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 #69A24B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69A24B
}
```

## Border

The CSS property to change the border of an element to Hex 69A24B 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
#69A24B }
```

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

```
.border{ border-color:#69A24B }
```

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

Here you see how a box with a 4 pixel #69A24B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69A24B; -webkit-box-shadow:4px 4px  
4px 4px #69A24B; box-shadow:4px 4px 4px  
4px #69A24B }
```

# Background

The CSS property to change the background color of an element to Hex 69A24B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69A24B }
```

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

```
.background{ background-color:#69A24B }
```

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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