

# Converting Colors

Hex(769243)

Have a look what the booklet for  
Hex(769243) contains.

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**Color**

**Hex(769243)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769243
RGB	118, 146, 67
RGB Percent	46%, 57%, 26%
CMY	0.5373, 0.4275, 0.7373
CMYK	0.19, 0.00, 0.54, 0.43
HSL	81°, 37%, 42%
HSV	81°, 54%, 57%
XYZ	18.7632, 24.8146, 9.1110
YIQ	128.6220, 8.6710, -30.5050

# Conversions

## Conversions Part 2

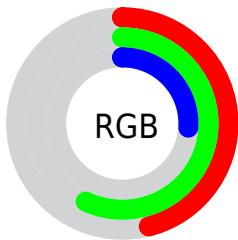
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 146, 95
Decimal	7770691
CIELab	56.89, -23.07, 38.20
CIELCh	57, 44.625, 121.123
Yxy	24.8146, 0.3561, 0.4710
Android (android.graphics.Color)	4285960771 (0xFF769243)
YUV	128.6220, -30.3796, -9.3155
Hunter-Lab	49.8142, -19.9404, 24.0259

# Details

The Hex color **769243** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F4392**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ACC875**, and **435F11** is the 20% darker color. If you saturate the color by 10%, you get **719234**, and if you desaturate by 10%, it is **7B9252**.

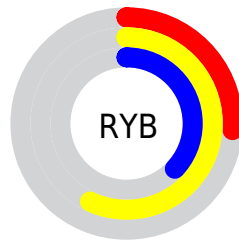
# Distribution



Red (46%)

Green (57%)

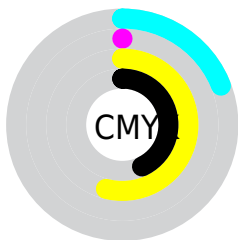
Blue (26%)



Red (26%)

Yellow (57%)

Blue (37%)

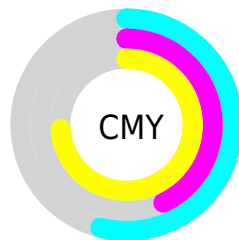


Cyan (19%)

Magenta (0%)

Yellow (54%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769243 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 769243 by changing the saturation by 10% instead.



 769243

 769243

FFFFFF

 5C782B

 ACC875

 435F11

 C8E490

 2B4700

 E4FFAB

 123100

 FFFFC6

 001E00

 FFFF E3

 000000

 769243

 769243

 719234

 7B9252

 6C9226

 809260

■ 669217

■ 86926F

■ 619209

■ 8B927D

■ 5E9200

■ 90928C

■ 95929B

■ 9A92A9

■ 9F92B8

■ A592C6

# Harmonies

## Analogous

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



9E8738



769243



429961

# Triad

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



769243



0096CC



CF6789

# Complementary

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



769243



5F4392

# 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.



BA6FAF



769243



428CD6

# Square

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



769243



009BB0



8D7ECB



CF6C62

# Rectangle

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



769243



009B7B



8D7ECB



CA6896



# Sweetspot

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



769243



B2BD9F



925F43



585E4C



DEDEDE



5E5E5E



# Same Dimension

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



769243



91BD42



4F9243



474A43



598A00



070A00



# Inverse Universe

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



5F4392



6E42BD



864392



45434A



31008A



04000A



# Previews

## White Background



This preview shows how the Hex color 769243 looks on a white background.

## Color Contrast Check

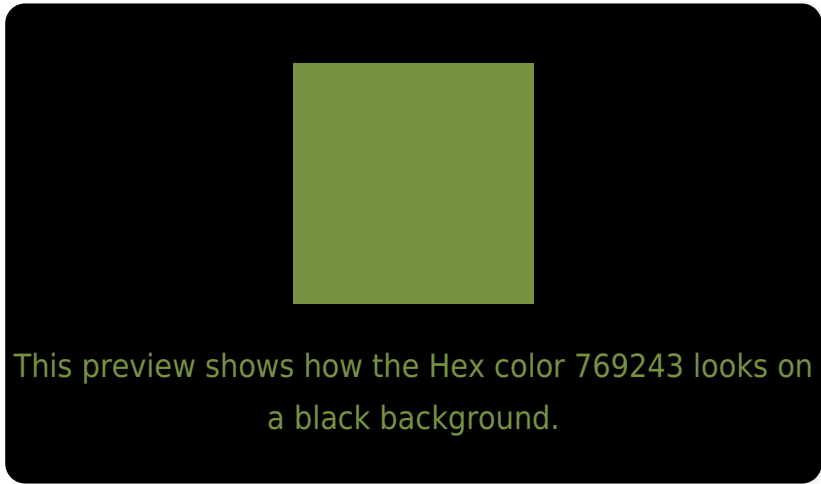
Large Text (above 18pt) WCAG AA ✓ Pass

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

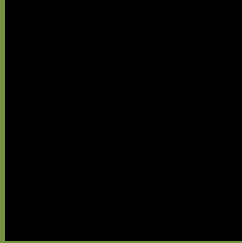
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 769243 Background



This preview shows how black text looks on a background with the Hex color 769243.



This preview shows how white text looks on a background with the Hex color 769243.

# 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**  
769243

**Protanopia**  
978840

**Deuteranopia**  
A78247



**Tritanopia**  
808994

# Trichromacy



**Original Color**  
769243

**Protanomaly**  
8B8C41

**Deuteranomaly**  
958846

**Tritanomaly**  
7C8C77

# Monochromacy



**Original Color**  
769243

**Achromatopsia**  
818181

**Achromatomaly**  
7D876A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769243 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 #769243 looks like.

```
.text, #text, p{  
    color:#769243  
}
```

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 #769243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769243  
}
```

## Border

The CSS property to change the border of an element to Hex 769243 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  
#769243 }
```

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

```
.border{ border-color:#769243 }
```

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

Here you see how a box with a 4 pixel #769243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769243; -webkit-box-shadow:4px 4px  
4px 4px #769243; box-shadow:4px 4px 4px  
4px #769243 }
```

# Background

The CSS property to change the background color of an element to Hex 769243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769243 }
```

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

```
.background{ background-color:#769243 }
```

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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