

# Converting Colors

Decimal(7449131)

Have a look what the booklet for  
Decimal(7449131) contains.

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**Color**

**Decimal(7449131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71AA2B
RGB	113, 170, 43
RGB Percent	44%, 67%, 17%
CMY	0.5569, 0.3333, 0.8314
CMYK	0.34, 0.00, 0.75, 0.33
HSL	87°, 60%, 42%
HSV	87°, 75%, 67%
XYZ	21.6208, 32.4346, 7.4065
YIQ	138.4790, 6.7950, -51.5810

# Conversions

## Conversions Part 2

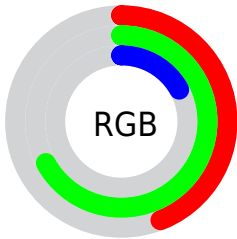
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 170, 100
Decimal	7449131
CIELab	63.70, -38.32, 55.77
CIELCh	64, 67.666, 124.489
Yxy	32.4346, 0.3518, 0.5277
Android (android.graphics.Color)	4285639211 (0xFF71AA2B)
YUV	138.4790, -47.0711, -22.3451
Hunter-Lab	56.9514, -31.8998, 32.1554

# Details

The Decimal color **7449131** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6564778**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **11133538**, and **3831040** is the 20% darker color. If you saturate the color by 10%, you get **6924826**, and if you desaturate by 10%, it is **7973436**.

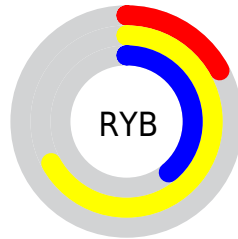
# Distribution



Red (44%)

Green (67%)

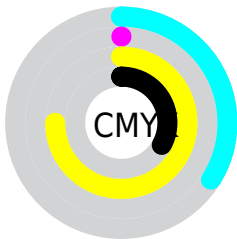
Blue (17%)



Red (17%)

Yellow (67%)

Blue (39%)

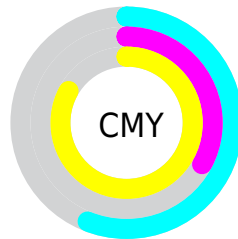


Cyan (34%)

Magenta (0%)

Yellow (75%)

Black (33%)



Cyan (56%)

Magenta (33%)





















Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7449131 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 Decimal color 7449131 by changing the saturation by 10% instead.



 7449131	 7449131
 16777215	 5672710
 11133538	 3831040
 12975741	 1924096
 14876568	 17408
 16777140	 11520
 16777168	 5376
 16777197	 0
 7449131	 7449131
 6924826	 7973436

■ 6466057

■ 8432205

■ 6203904

■ 8956510

■ 9480815

■ 9939584

■ 10463889

■ 10922658

■ 11446963

■ 11971268

# Harmonies

## Analogous

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



11573760



7449131



45923

# Triad

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



7449131



44799



16735636

# Complementary

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



7449131



6564778

# 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.



15363023



7449131



40703

# Square

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



7449131



46557



10979070



16738905

# Rectangle

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



7449131



46733



10979070



16736168



# Sweetspot

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



7449131



13164205



11166251



6516819



15790320



7368816



# Same Dimension

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



7449131



8707606



3385899



5264460



5411840



726016



# Inverse Universe

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



6564778



7345886



10628010



5262420



4325524



589844



# Previews

## White Background



This preview shows how the Decimal color 7449131 looks on a white background.

## Color Contrast Check

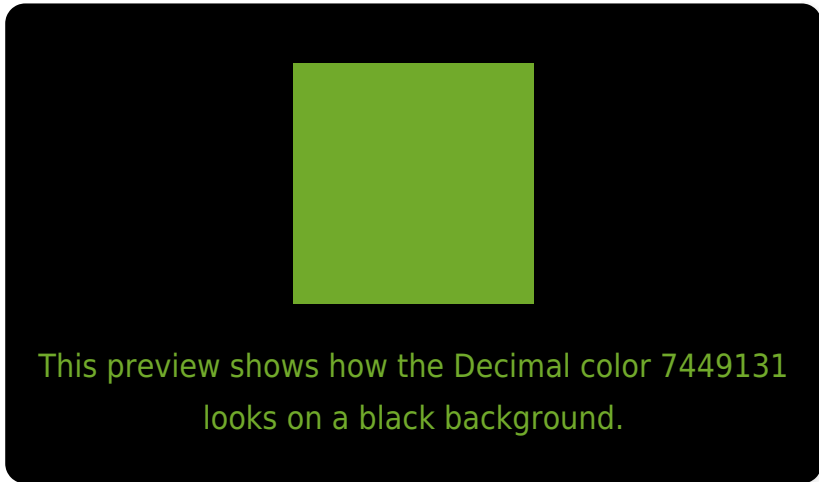
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 7449131 Background



This preview shows how black text looks on a background with the Decimal color 7449131.



This preview shows how white text looks on a background with the Decimal color 7449131.

# 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**  
7449131

**Protanopia**  
11377191

**Deuteranopia**  
12620341



# Trichromacy



**Original Color**

7449131

**Protanomaly**

9936936

**Deuteranomaly**

10722097

**Tritanomaly**

8168316

# Monochromacy



**Original Color**

7449131

**Achromatopsia**

9079434

**Achromatomaly**

8492647

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7449131 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 #71AA2B looks like.

```
.text, #text, p{  
    color:#71AA2B  
}
```

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 #71AA2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AA2B
}
```

## Border

The CSS property to change the border of an element to Decimal 7449131 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
#71AA2B }
```

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

```
.border{ border-color:#71AA2B }
```

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

Here you see how a box with a 4 pixel #71AA2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AA2B; -webkit-box-shadow:4px 4px  
4px 4px #71AA2B; box-shadow:4px 4px 4px  
4px #71AA2B }
```

# Background

The CSS property to change the background color of an element to Decimal 7449131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AA2B }
```

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

```
.background{ background-color:#71AA2B }
```

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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