

# Converting Colors

Decimal(4690949)

Have a look what the booklet for  
Decimal(4690949) contains.

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**Color**

**Decimal(4690949)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	479405
RGB	71, 148, 5
RGB Percent	28%, 58%, 2%
CMY	0.7216, 0.4196, 0.9804
CMYK	0.52, 0.00, 0.97, 0.42
HSL	92°, 93%, 30%
HSV	92°, 97%, 58%
XYZ	13.2158, 22.5304, 3.7958
YIQ	108.6750, 0.0110, -60.7970

# Conversions

## Conversions Part 2

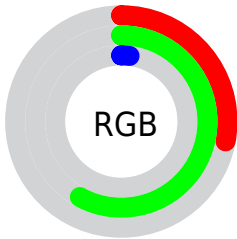
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 148, 82
Decimal	4690949
CIELab	54.59, -45.21, 56.36
CIELCh	55, 72.258, 128.736
Yxy	22.5304, 0.3342, 0.5698
Android (android.graphics.Color)	4282881029 (0xFF479405)
YUV	108.6750, -51.1118, -33.0410
Hunter-Lab	47.4662, -33.3667, 28.4849

# Details

The Decimal color **4690949** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5375380**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **8440647**, and **24576** is the 20% darker color. If you saturate the color by 10%, you get **4494336**, and if you desaturate by 10%, it is **5215252**.

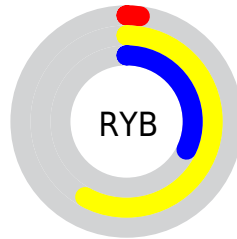
# Distribution



Red (28%)

Green (58%)

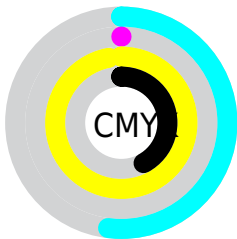
Blue (2%)



Red (2%)

Yellow (58%)

Blue (32%)

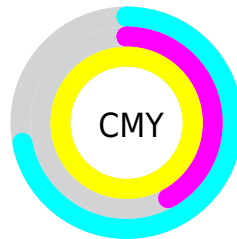


Cyan (52%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (72%)

Magenta (42%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4690949 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 4690949 by changing the saturation by 10% instead.





4690949



4690949

16777215



2652672



8440647



24576



10282850



18432



12189565



12544



14090137



6400



15990709



0



16777169



16777198



4690949



4690949

■ 4494336

■ 5215252

■ 5739555

■ 6263857

■ 6788160

■ 7312463

■ 7836766

■ 8361069

■ 8885371

■ 9409674

# Harmonies

## Analogous

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



9274880



4690949



39762

# Triad

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



4690949



38392



15743091

# Complementary

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



4690949



5375380

# 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.



14305201



4690949



34047

# Square

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



4690949



40400



10119653



14962743

# Rectangle

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



4690949



40574



10119653



15480968



# Sweetspot

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



4690949



10600328



9720069



5202239



14737632



6381921



# Same Dimension

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



4690949



5816064



365578



4606531



4229632



330240



# Inverse Universe

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



5375380



6750399



9700751



4670282



4849802



327690



# Previews

## White Background



This preview shows how the Decimal color 4690949 looks on a white background.

## Color Contrast Check

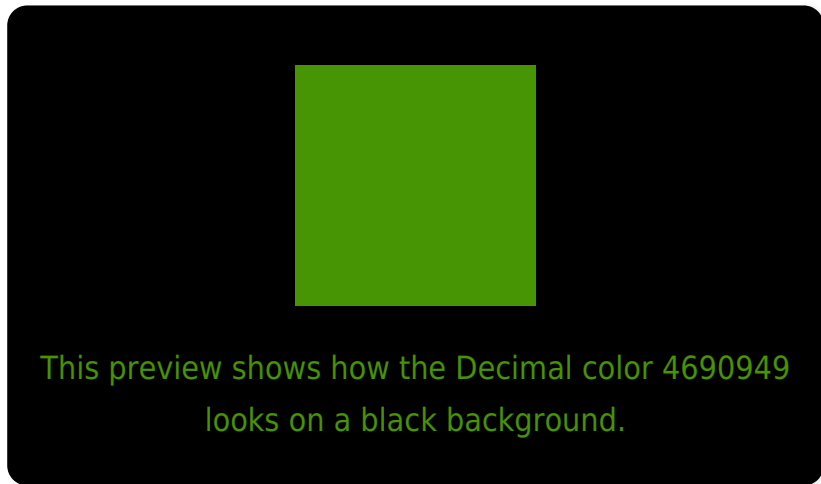
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 4690949 Background



This preview shows how black text looks on a background with the Decimal color 4690949.



This preview shows how white text looks on a background with the Decimal color 4690949.

# 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**  
6064789

# Trichromacy



**Original Color**  
4690949



**Protanomaly**  
7833858



**Deuteranomaly**  
8553494



**Tritanomaly**  
5541473

# Monochromacy



**Original Color**  
4690949



**Achromatopsia**  
7171437



**Achromatomaly**  
6257479

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4690949 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 #479405 looks like.

```
.text, #text, p{  
    color:#479405  
}
```

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 #479405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479405
}
```

## Border

The CSS property to change the border of an element to Decimal 4690949 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
#479405 }
```

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

```
.border{ border-color:#479405 }
```

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

Here you see how a box with a 4 pixel #479405 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479405; -webkit-box-shadow:4px 4px  
4px 4px #479405; box-shadow:4px 4px 4px  
4px #479405 }
```

# Background

The CSS property to change the background color of an element to Decimal 4690949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479405 }
```

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

```
.background{ background-color:#479405 }
```

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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