

# Converting Colors

Decimal(5031439)

Have a look what the booklet for  
Decimal(5031439) contains.

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**Color**

**Decimal(5031439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CC60F
RGB	76, 198, 15
RGB Percent	30%, 78%, 6%
CMY	0.7020, 0.2235, 0.9412
CMYK	0.62, 0.00, 0.92, 0.22
HSL	100°, 86%, 42%
HSV	100°, 92%, 78%
XYZ	23.2608, 41.9592, 7.3249
YIQ	140.6600, -13.9690, -82.7770

# Conversions

## Conversions Part 2

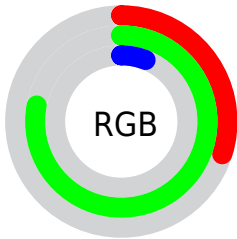
Format	Color
<a href="#">RYB</a>	<a href="#">15, 198, 137</a>
Decimal	<a href="#">5031439</a>
CIELab	<a href="#">70.84, -61.57, 68.39</a>
CIElCh	<a href="#">71, 92.021, 131.998</a>
Yxy	<a href="#">41.9592, 0.3206, 0.5784</a>
Android (android.graphics.Color)	<a href="#">4283221519 (0xFF4CC60F)</a>
YUV	<a href="#">140.6600, -61.9504, -56.7068</a>
Hunter-Lab	<a href="#">64.7759, -49.2591, 38.6386</a>

# Details

The Decimal color **5031439** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **8982470**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **9174869**, and **36608** is the 20% darker color. If you saturate the color by 10%, you get **4376064**, and if you desaturate by 10%, it is **5883427**.

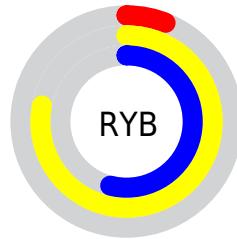
# Distribution



Red (30%)

Green (78%)

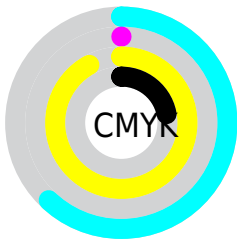
Blue (6%)



Red (6%)

Yellow (78%)

Blue (54%)

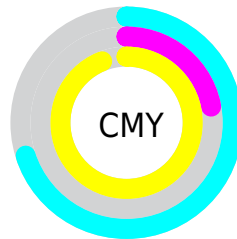


Cyan (62%)

Magenta (0%)

Yellow (92%)

Black (22%)



Cyan (70%)

Magenta (22%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5031439 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 5031439 by changing the saturation by 10% instead.



 5031439


 5031439

16777215

 2468352

 9174869

 36608

 11140978

 29696

 13107086

 23040

 15138730

 16640

 16777159

 10752

 16777189

 1536

 0

 5031439

 5031439

■ 4376064

■ 5883427

■ 6735415

■ 7652938

■ 8504926

■ 9356914

■ 10208902

■ 11060890

■ 11978413

■ 12830401

# Harmonies

## Analogous

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



11711488



5031439



53110

# Triad

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



5031439



50687



16729744

# Complementary

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



5031439



8982470

# 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.



16733923



5031439



44543

# Square

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



5031439



53503



14255615



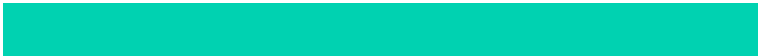
16739647

# Rectangle

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



5031439



53937



14255615



16729259

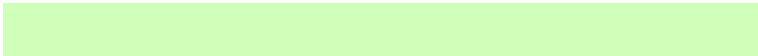


# Sweetspot

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



5031439



13631416



13011215



6520916



0



8421504



# Same Dimension

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



5031439



5635840



1033773



6120282



3580672



795648



# Inverse Universe

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



8982470



11141375



12980135



6314595



7143587



1572900



# Previews

## White Background



This preview shows how the Decimal color 5031439 looks on a white background.

## Color Contrast Check

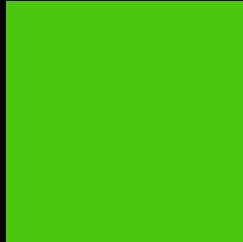
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5031439 looks on a 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 5031439 Background



This preview shows how black text looks on a background with the Decimal color 5031439.

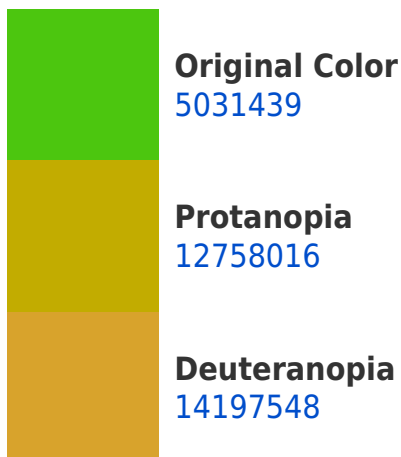


This preview shows how white text looks on a background with the Decimal color 5031439.

# 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





# Trichromacy



**Original Color**  
5031439



**Protanomaly**  
9942277



**Deuteranomaly**  
10858529



**Tritanomaly**  
6405508

# Monochromacy



**Original Color**  
5031439



**Achromatopsia**  
9276813



**Achromatomaly**  
7709279

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5031439 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 #4CC60F looks like.

```
.text, #text, p{  
    color:#4CC60F  
}
```

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 #4CC60F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC60F
}
```

## Border

The CSS property to change the border of an element to Decimal 5031439 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
#4CC60F }
```

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

```
.border{ border-color:#4CC60F }
```

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

Here you see how a box with a 4 pixel #4CC60F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC60F; -webkit-box-shadow:4px 4px  
4px 4px #4CC60F; box-shadow:4px 4px 4px  
4px #4CC60F }
```

# Background

The CSS property to change the background color of an element to Decimal 5031439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC60F }
```

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

```
.background{ background-color:#4CC60F }
```

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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