

# Converting Colors

Decimal(5038157)

Have a look what the booklet for  
Decimal(5038157) contains.

<b>Decimal(5038157)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(5038157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CE04D
RGB	76, 224, 77
RGB Percent	30%, 88%, 30%
CMY	0.7020, 0.1216, 0.6980
CMYK	0.66, 0.00, 0.66, 0.12
HSL	120°, 70%, 59%
HSV	120°, 66%, 88%
XYZ	30.9757, 55.3836, 16.0787
YIQ	162.9900, -41.0210, -77.0930

# Conversions

## Conversions Part 2

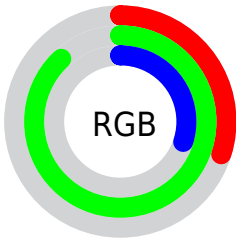
Format	Color
<a href="#">RYB</a>	<a href="#">76, 223, 224</a>
Decimal	<a href="#">5038157</a>
CIELab	<a href="#">79.26, -66.53, 58.53</a>
CIELCh	<a href="#">79, 88.610, 138.658</a>
Yxy	<a href="#">55.3836, 0.3024, 0.5407</a>
Android (android.graphics.Color)	<a href="#">4283228237 (0xFF4CE04D)</a>
YUV	<a href="#">162.9900, -42.3931, -76.2902</a>
Hunter-Lab	<a href="#">74.4202, -55.9388, 39.2843</a>

# Details

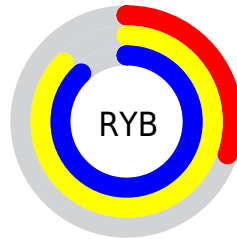
The Decimal color **5038157** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **14699743**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **9305988**, and **42764** is the 20% darker color. If you saturate the color by 10%, you get **3596343**, and if you desaturate by 10%, it is **6479971**.

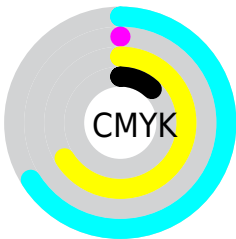
# Distribution



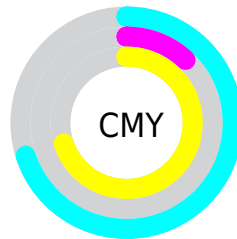
- Red (30%)
- Green (88%)
- Blue (30%)



- Red (30%)
- Yellow (87%)
- Blue (88%)



- Cyan (66%)
- Magenta (0%)
- Yellow (66%)
- Black (12%)



- Cyan (70%)
- Magenta (12%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5038157 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 5038157 by changing the saturation by 10% instead.



 5038157

 5038157

16777215

 2147121

 9305988

 42764

 11337632

 35840

 13369276

 28928

 15400921

 22272

 16777206

 15872

 9728

 0

 5038157

 5038157

 3596343

 6479971

 2088993

 7987321

 647178

 9429136

 57346

 10936486

 12378300

 13820114

 15327465

 16769279

# Harmonies

## Analogous

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



12242944



5038157



59553

# Triad

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



5038157



55295



16740501

# Complementary

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



5038157



14699743

# 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.



16740839



5038157



8043775

# Square

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



5038157



58879



16750079



16748872

# Rectangle

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



5038157



60123



16750079



16739248

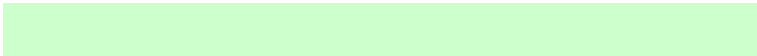


# Sweetspot

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



5038157



13434828



14737484



6389857



0



8421504



# Same Dimension

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



5038157



3604279



5038230



6647909



45057



12288



# Inverse Universe

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



14699743



16725758



14699670



7366000



11534511

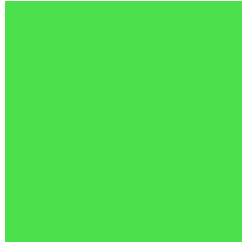


3145776



# Previews

## White Background



This preview shows how the Decimal color 5038157 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 5038157 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

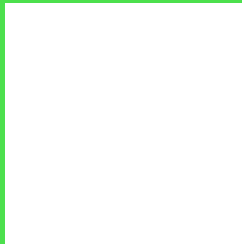
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5038157 Background



This preview shows how black text looks on a background with the Decimal color 5038157.

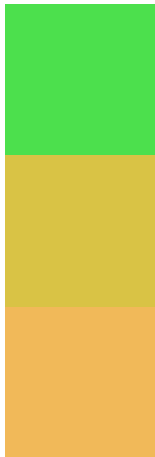


This preview shows how white text looks on a background with the Decimal color 5038157.

# 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](#).

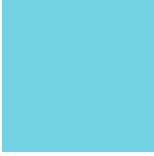
## Dichromacy



**Original Color**  
5038157

**Protanopia**  
14271301

**Deuteranopia**  
15841625



**Tritanopia**  
7590626

# Trichromacy



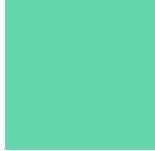
**Original Color**  
5038157



**Protanomaly**  
10931784



**Deuteranomaly**  
11913045



**Tritanomaly**  
6674348

# Monochromacy



**Original Color**  
5038157



**Achromatopsia**  
10724259



**Achromatomaly**  
8632708

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5038157 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 #4CE04D looks like.

```
.text, #text, p{  
    color:#4CE04D  
}
```

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 #4CE04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CE04D
}
```

## Border

The CSS property to change the border of an element to Decimal 5038157 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
#4CE04D }
```

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

```
.border{ border-color:#4CE04D }
```

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

Here you see how a box with a 4 pixel #4CE04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CE04D; -webkit-box-shadow:4px 4px  
4px 4px #4CE04D; box-shadow:4px 4px 4px  
4px #4CE04D }
```

# Background

The CSS property to change the background color of an element to Decimal 5038157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CE04D }
```

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

```
.background{ background-color:#4CE04D }
```

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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