

# Converting Colors

Decimal(6350638)

Have a look what the booklet for  
Decimal(6350638) contains.

<b>Decimal(6350638)</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(6350638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60E72E
RGB	96, 231, 46
RGB Percent	38%, 91%, 18%
CMY	0.6235, 0.0941, 0.8196
CMYK	0.58, 0.00, 0.80, 0.09
HSL	104°, 79%, 54%
HSV	104°, 80%, 91%
XYZ	33.8929, 59.8359, 12.3479
YIQ	169.5450, -21.0750, -86.1550

# Conversions

## Conversions Part 2

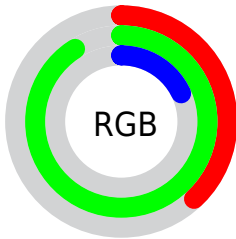
Format	Color
<a href="#">RYB</a>	<a href="#">46, 231, 181</a>
Decimal	<a href="#">6350638</a>
CIELab	<a href="#">81.75, -66.77, 71.73</a>
CIELCh	<a href="#">82, 97.993, 132.950</a>
Yxy	<a href="#">59.8359, 0.3195, 0.5641</a>
Android (android.graphics.Color)	<a href="#">4284540718 (0xFF60E72E)</a>
YUV	<a href="#">169.5450, -60.9077, -64.4990</a>
Hunter-Lab	<a href="#">77.3537, -57.1581, 44.6831</a>

# Details

The Decimal color **6350638** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **11874023**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **10485611**, and **44544** is the 20% darker color. If you saturate the color by 10%, you get **5236503**, and if you desaturate by 10%, it is **7464773**.

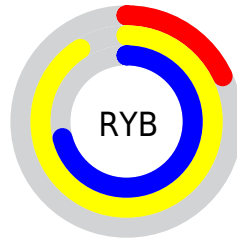
# Distribution



Red (38%)

Green (91%)

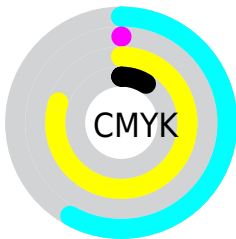
Blue (18%)



Red (18%)

Yellow (91%)

Blue (71%)

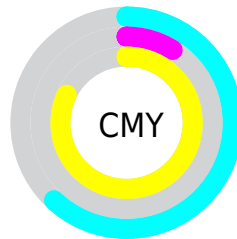


Cyan (58%)

Magenta (0%)

Yellow (80%)

Black (9%)



Cyan (62%)

Magenta (9%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6350638 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 6350638 by changing the saturation by 10% instead.



■ 6350638

■ 6350638

16777215

■ 3983872

■ 10485611

■ 44544

■ 12517256

■ 37632

■ 14548901

■ 30720

■ 16580546

■ 24064

■ 16777183

■ 17408

16777213

■ 11264

■ 3072

■ 0

■ 6350638

■ 6350638

■ 5236503

■ 7464773

■ 4122368

■ 8578908

■ 9693043

■ 10741642

■ 11855778

■ 12969913

■ 14084048

■ 15198183

■ 16312318

# Harmonies

## Analogous

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



13620224



6350638



61842

# Triad

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



6350638



58623



16736936

# Complementary

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



6350638



11874023

# 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.



16740351



6350638



51711

# Square

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



6350638



61951



16752383



16746576

# Rectangle

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



6350638



62674



16752383



16736454

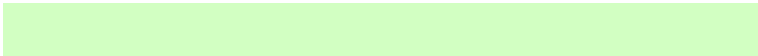


# Sweetspot

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



6350638



13828034



15184686



6651995



0



8421504



# Same Dimension

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



6350638



5046026



3073878



6976359



3191552



930560



# Inverse Universe

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



11874023



12389119



15150783



7366515



8519859

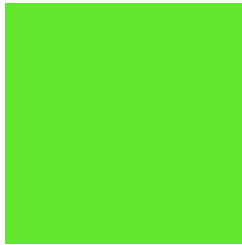


2424883



# Previews

## White Background



This preview shows how the Decimal color 6350638 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 6350638 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

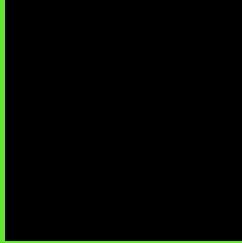
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

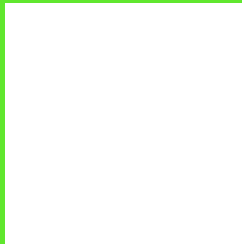
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6350638 Background



This preview shows how black text looks on a background with the Decimal color 6350638.



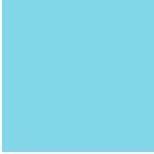
This preview shows how white text looks on a background with the Decimal color 6350638.

# 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**  
8706024

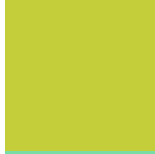
# Trichromacy



**Original Color**  
6350638



**Protanomaly**  
11785513



**Deuteranomaly**  
12832314

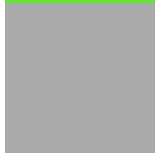


**Tritanomaly**  
7855524

# Monochromacy



**Original Color**  
6350638



**Achromatopsia**  
11184810



**Achromatomaly**  
9420925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6350638 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 #60E72E looks like.

```
.text, #text, p{  
    color:#60E72E  
}
```

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 #60E72E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E72E
}
```

## Border

The CSS property to change the border of an element to Decimal 6350638 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
#60E72E }
```

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

```
.border{ border-color:#60E72E }
```

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

Here you see how a box with a 4 pixel #60E72E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E72E; -webkit-box-shadow:4px 4px  
4px 4px #60E72E; box-shadow:4px 4px 4px  
4px #60E72E }
```

# Background

The CSS property to change the background color of an element to Decimal 6350638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E72E }
```

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

```
.background{ background-color:#60E72E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor