

# Converting Colors

Decimal(5562394)

Have a look what the booklet for  
Decimal(5562394) contains.

<b>Decimal(5562394)</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(5562394)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54E01A
RGB	84, 224, 26
RGB Percent	33%, 88%, 10%
CMY	0.6706, 0.1216, 0.8980
CMYK	0.63, 0.00, 0.88, 0.12
HSL	102°, 79%, 49%
HSV	102°, 88%, 88%
XYZ	30.4983, 55.2707, 10.0382
YIQ	159.5680, -19.8820, -91.2580

# Conversions

## Conversions Part 2

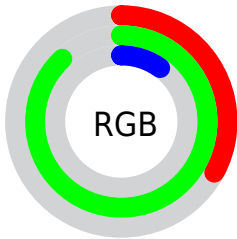
Format	Color
R <sub>Y</sub> B	26, 224, 166
Decimal	5562394
CIE Lab	79.20, -68.02, 73.78
CIE LCh	79, 100.356, 132.675
Yxy	55.2707, 0.3183, 0.5769
Android (android.graphics.Color)	4283752474 (0xFF54E01A)
YUV	159.5680, -65.8490, -66.2731
Hunter-Lab	74.3443, -56.8764, 44.0355

# Details

The Decimal color **5562394** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **10885856**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **9830239**, and **42752** is the 20% darker color. If you saturate the color by 10%, you get **4513796**, and if you desaturate by 10%, it is **6610992**.

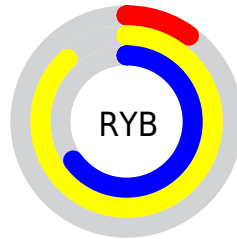
# Distribution



Red (33%)

Green (88%)

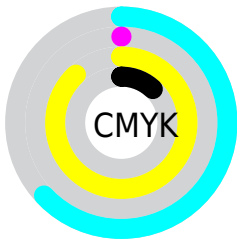
Blue (10%)



Red (10%)

Yellow (88%)

Blue (65%)

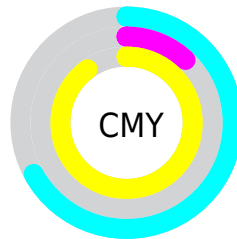


Cyan (63%)

Magenta (0%)

Yellow (88%)

Black (12%)



Cyan (67%)

Magenta (12%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5562394 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 5562394 by changing the saturation by 10% instead.



 5562394


 5562394

16777215

 2867968

 9830239

 42752

 11861884

 35840

 13893529

 28928

 15925174

 22272

 16777171

 15872

 16777201

 9728

 0

 5562394

 5562394

■ 4513796

■ 6610992

■ 4382720

■ 7659591

■ 8708189

■ 9691252

■ 10739850

■ 11788448

■ 12837047

■ 13885645

■ 14934244

# Harmonies

## Analogous

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



13093888



5562394



60041

# Triad

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



5562394



57087



16733089

# Complementary

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



5562394



10885856

# 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.



16737022



5562394



50175

# Square

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



5562394



60159



16226047



16743751

# Rectangle

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



5562394



60874



16226047



16732096

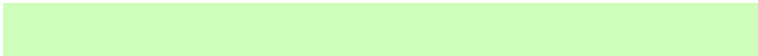


# Sweetspot

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



5562394



13565882



14722330



6520919



0



8421504



# Same Dimension

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



5562394



4980480



1761346



6844517



3452928



929792



# Inverse Universe

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



10885856



11796735



14686904



7169392



8126640

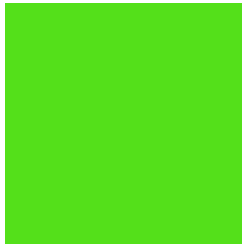


2228272



# Previews

## White Background



This preview shows how the Decimal color 5562394 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 5562394 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

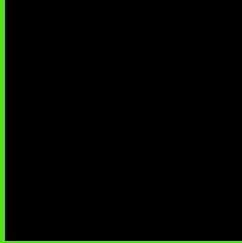
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5562394 Background



This preview shows how black text looks on a background with the Decimal color 5562394.

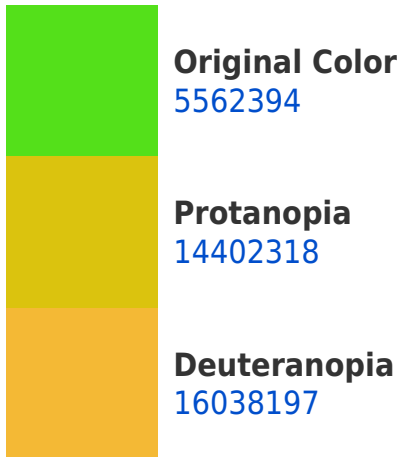


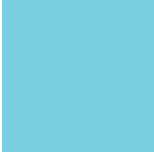
This preview shows how white text looks on a background with the Decimal color 5562394.

# 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](#).

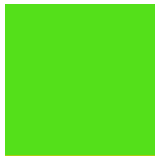
## Dichromacy





**Tritanopia**  
8048865

# Trichromacy



**Original Color**  
5562394



**Protanomaly**  
11193874



**Deuteranomaly**  
12240683



**Tritanomaly**  
7132825

# Monochromacy



**Original Color**  
5562394



**Achromatopsia**  
10526880



**Achromatomaly**  
8697711

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5562394 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 #54E01A looks like.

```
.text, #text, p{  
    color:#54E01A  
}
```

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 #54E01A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E01A
}
```

## Border

The CSS property to change the border of an element to Decimal 5562394 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
#54E01A }
```

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

```
.border{ border-color:#54E01A }
```

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

Here you see how a box with a 4 pixel #54E01A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E01A; -webkit-box-shadow:4px 4px  
4px 4px #54E01A; box-shadow:4px 4px 4px  
4px #54E01A }
```

# Background

The CSS property to change the background color of an element to Decimal 5562394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E01A }
```

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

```
.background{ background-color:#54E01A }
```

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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