

# Converting Colors

Decimal(4380201)

Have a look what the booklet for  
Decimal(4380201) contains.

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# **Color**

**Decimal(4380201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42D629
RGB	66, 214, 41
RGB Percent	26%, 84%, 16%
CMY	0.7412, 0.1608, 0.8392
CMYK	0.69, 0.00, 0.81, 0.16
HSL	111°, 68%, 50%
HSV	111°, 81%, 84%
XYZ	26.6936, 49.4115, 10.2283
YIQ	150.0260, -32.6750, -85.1790

# Conversions

## Conversions Part 2

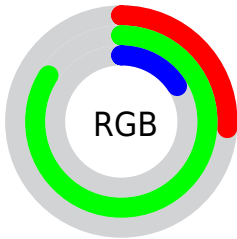
Format	Color
<b>RYB</b>	41, 214, 189
Decimal	4380201
CIELab	75.71, -67.85, 67.20
CIELCh	76, 95.495, 135.277
Yxy	49.4115, 0.3092, 0.5723
Android (android.graphics.Color)	4282570281 (0xFF42D629)
YUV	150.0260, -53.7498, -73.6908
Hunter-Lab	70.2933, -55.2287, 40.5781

# Details

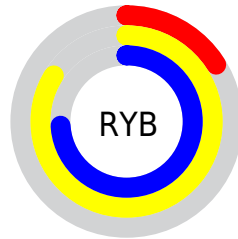
The Decimal color **4380201** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **12397014**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **8847205**, and **40448** is the 20% darker color. If you saturate the color by 10%, you get **3200532**, and if you desaturate by 10%, it is **5559870**.

# Distribution



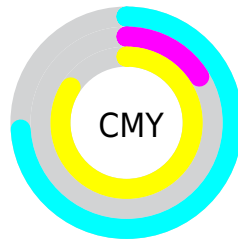
- Red (26%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (74%)



- Cyan (69%)
- Magenta (0%)
- Yellow (81%)
- Black (16%)



- Cyan (74%)
- Magenta (16%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4380201 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 4380201 by changing the saturation by 10% instead.





4380201



4380201

16777215



506368



8847205



40448



10878850



33536



12910494



26624



14942139



19968



16777176



14080



16777205



7168



0



4380201



4380201

■ 3200532

■ 5559870

■ 2086400

■ 6805076

■ 7984745

■ 9164415

■ 10409620

■ 11589289

■ 12768959

■ 13948628

■ 15193834

# Harmonies

## Analogous

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



11977728



4380201



57226

# Triad

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



4380201



53759



16733074

# Complementary

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



4380201



12397014

# 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.



16735466



4380201



1554175

# Square

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



4380201



57087



16092159



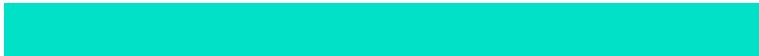
16743485

# Rectangle

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



4380201



57800



16092159



16731823

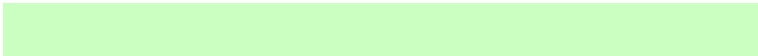


# Sweetspot

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



4380201



13369282



14072873



6324315



0



8421504



# Same Dimension

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



4380201



2883336



2741862



6450016



1682176



404224



# Inverse Universe

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



12397014



14354687



14035353



6971499



9568427

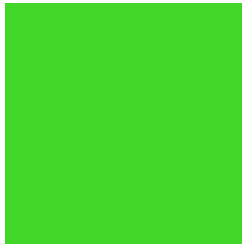


2424875



# Previews

## White Background



This preview shows how the Decimal color 4380201 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 4380201 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 4380201 Background



This preview shows how black text looks on a background with the Decimal color 4380201.

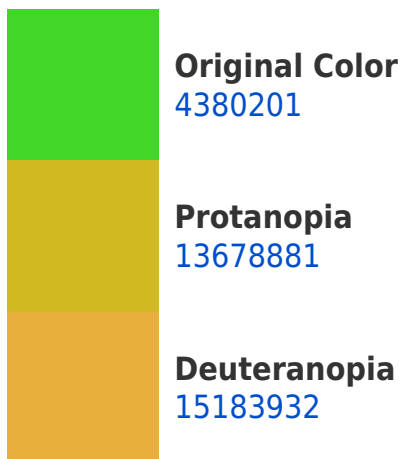


This preview shows how white text looks on a background with the Decimal color 4380201.

# 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](#).

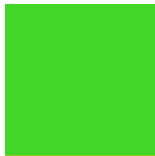
## Dichromacy





**Tritanopia**  
7129047

# Trichromacy



**Original Color**  
4380201



**Protanomaly**  
10273828



**Deuteranomaly**  
11255349



**Tritanomaly**  
6147224

# Monochromacy



**Original Color**  
4380201



**Achromatopsia**  
9868950



**Achromatomaly**  
7843182

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4380201 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 #42D629 looks like.

```
.text, #text, p{  
    color:#42D629  
}
```

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 #42D629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42D629
}
```

## Border

The CSS property to change the border of an element to Decimal 4380201 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
#42D629 }
```

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

```
.border{ border-color:#42D629 }
```

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

Here you see how a box with a 4 pixel #42D629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42D629; -webkit-box-shadow:4px 4px  
4px 4px #42D629; box-shadow:4px 4px 4px  
4px #42D629 }
```

# Background

The CSS property to change the background color of an element to Decimal 4380201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42D629 }
```

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

```
.background{ background-color:#42D629 }
```

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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