

# Converting Colors

Decimal(4375356)

Have a look what the booklet for  
Decimal(4375356) contains.

<b>Decimal(4375356)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(4375356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42C33C
RGB	66, 195, 60
RGB Percent	26%, 76%, 24%
CMY	0.7412, 0.2353, 0.7647
CMYK	0.66, 0.00, 0.69, 0.24
HSL	117°, 53%, 50%
HSV	117°, 69%, 76%
XYZ	22.5775, 40.5147, 10.9051
YIQ	141.0390, -33.5490, -69.3330

# Conversions

## Conversions Part 2

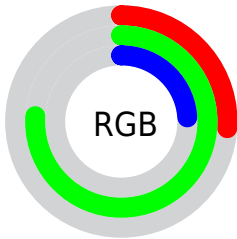
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 195, 189
Decimal	4375356
CIELab	69.83, -60.32, 55.11
CIELCh	70, 81.704, 137.583
Yxy	40.5147, 0.3051, 0.5475
Android (android.graphics.Color)	4282565436 (0xFF42C33C)
YUV	141.0390, -39.9522, -65.8092
Hunter-Lab	63.6512, -48.0744, 34.3979

# Details

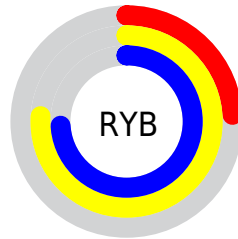
The Decimal color **4375356** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **12401859**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **8519026**, and **35840** is the 20% darker color. If you saturate the color by 10%, you get **3130153**, and if you desaturate by 10%, it is **5620560**.

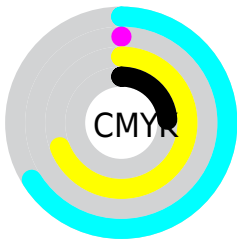
# Distribution



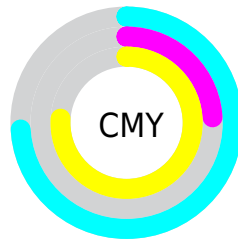
- Red (26%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (74%)



- Cyan (66%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (74%)
- Magenta (24%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4375356 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 4375356 by changing the saturation by 10% instead.





4375356



4375356

16777215



1484574



8519026



35840



10485645



28928



12451753



22528



14417861



16128



16449506



9984



0



4375356



4375356



3130153



5620560

■ 1950485

■ 6800227

■ 705282

■ 8045431

■ 639744

■ 9290634

■ 10470302

■ 11715505

■ 12895173

■ 14140376

■ 15385580

# Harmonies

## Analogous

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



10728448



4375356



51848

# Triad

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



4375356



48383



16735619

# Complementary

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



4375356



12401859

# 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.



16736205



4375356



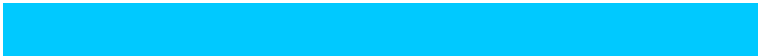
6137087

# Square

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



4375356



51711



14909951



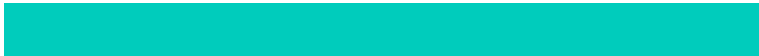
16743229

# Rectangle

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



4375356



52412



14909951



16734619

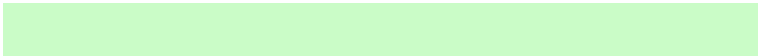


# Sweetspot

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



4375356



13302983



12827708



6389856



0



8421504



# Same Dimension

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



4375356



3472427



3982201



5792087



499968



73984



# Inverse Universe

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



12401859



15936508



12795014



6313825



10092705



2097185



# Previews

## White Background



This preview shows how the Decimal color 4375356 looks on a white background.

## Color Contrast Check

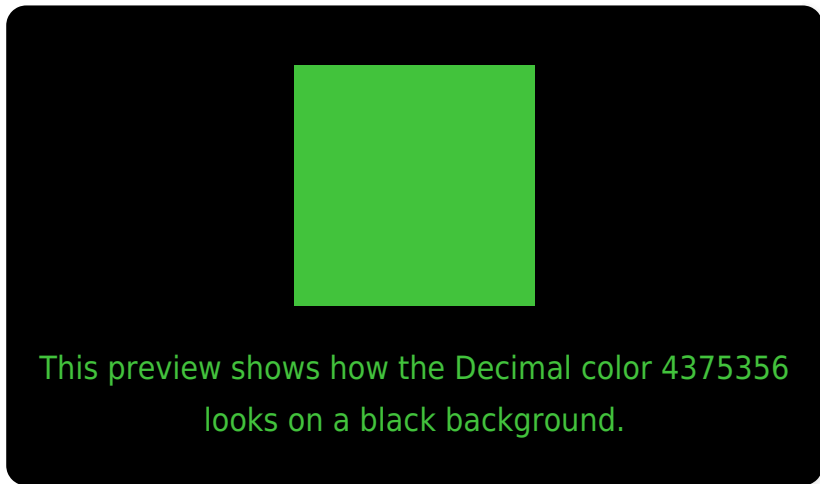
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4375356 Background



This preview shows how black text looks on a background with the Decimal color 4375356.



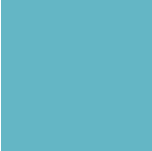
This preview shows how white text looks on a background with the Decimal color 4375356.

# 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](#).

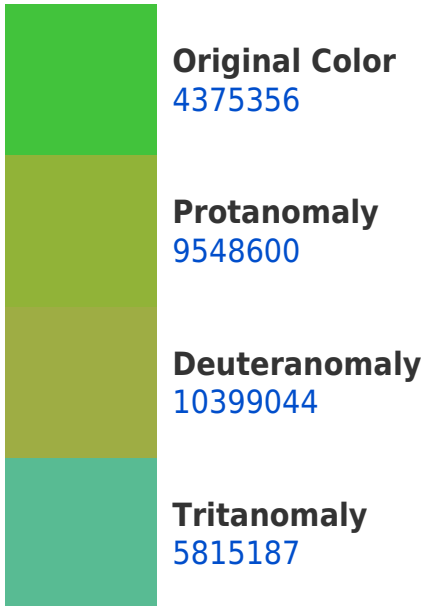
## Dichromacy





**Tritanopia**  
6600389

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4375356 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 #42C33C looks like.

```
.text, #text, p{  
    color:#42C33C  
}
```

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 #42C33C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C33C
}
```

## Border

The CSS property to change the border of an element to Decimal 4375356 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
#42C33C }
```

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

```
.border{ border-color:#42C33C }
```

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

Here you see how a box with a 4 pixel #42C33C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C33C; -webkit-box-shadow:4px 4px  
4px 4px #42C33C; box-shadow:4px 4px 4px  
4px #42C33C }
```

# Background

The CSS property to change the background color of an element to Decimal 4375356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C33C }
```

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

```
.background{ background-color:#42C33C }
```

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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