

# Converting Colors

Decimal(2456367)

Have a look what the booklet for  
Decimal(2456367) contains.

<b>Decimal(2456367)</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(2456367)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	257B2F
RGB	37, 123, 47
RGB Percent	15%, 48%, 18%
CMY	0.8549, 0.5176, 0.8157
CMYK	0.70, 0.00, 0.62, 0.52
HSL	127°, 54%, 31%
HSV	127°, 70%, 48%
XYZ	8.3590, 14.7645, 5.0986
YIQ	88.6220, -26.8600, -41.8680

# Conversions

## Conversions Part 2

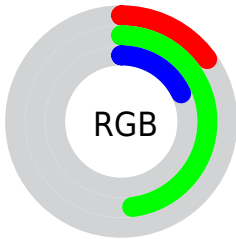
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 114, 123
Decimal	2456367
CIELab	45.31, -41.91, 33.62
CIELCh	45, 53.731, 141.267
Yxy	14.7645, 0.2962, 0.5232
Android (android.graphics.Color)	4280646447 (0xFF257B2F)
YUV	88.6220, -20.5196, -45.2725
Hunter-Lab	38.4246, -28.4115, 19.0300

# Details

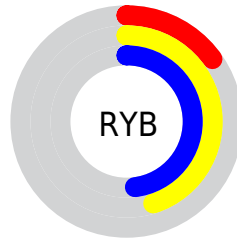
The Decimal color **2456367** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **8070513**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **6205536**, and **18688** is the 20% darker color. If you saturate the color by 10%, you get **1669924**, and if you desaturate by 10%, it is **3242810**.

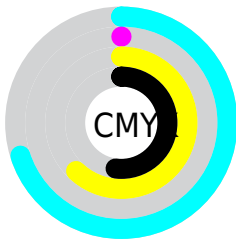
# Distribution



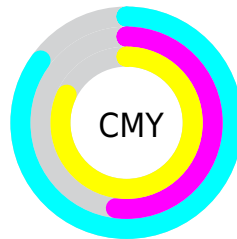
- Red (15%)
- Green (48%)
- Blue (18%)



- Red (15%)
- Yellow (45%)
- Blue (48%)



- Cyan (70%)
- Magenta (0%)
- Yellow (62%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2456367 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 2456367 by changing the saturation by 10% instead.



 2456367

 2456367

16777215

 25111

 6205536

 18688

 8047737

 12544

 9824659

 6912

 11665326

 0

 13565898

 15466471

 2456367

 2456367

 1669924

 3242810

■ 817945

■ 4094789

■ 31502

■ 4881232

■ 5667674

■ 6519653

■ 7306096

■ 8092539

■ 8878982

■ 9730961

# Harmonies

## Analogous

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



6451971



2456367



32604

# Triad

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



2456367



29892



12271694

# Complementary

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



2456367



8070513

# 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.



11878266



2456367



5268927

# Square

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



2456367



32177



9719972



11227685

# Rectangle

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



2456367



32891



9719972



12270940



# Sweetspot

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



2456367



8364419



7502629



4018752



13750737



5395026



# Same Dimension

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



2456367



1745193



2456409



3620152



32015



64541



# Inverse Universe

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



8070513



10558097



8070471



4011836



8192110



16515295



# Previews

## White Background



This preview shows how the Decimal color 2456367 looks on a white background.

## Color Contrast Check

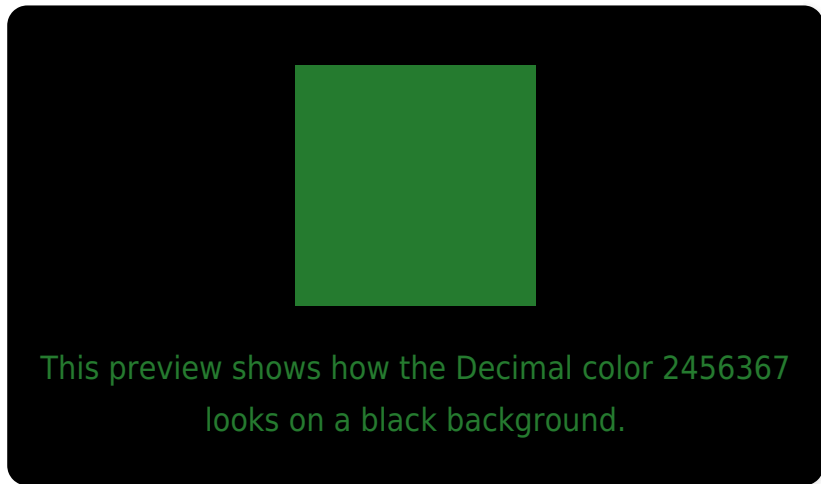
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

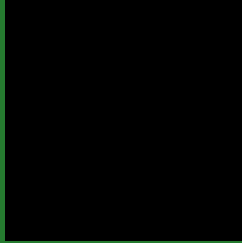
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2456367 Background



This preview shows how black text looks on a background with the Decimal color 2456367.



This preview shows how white text looks on a background with the Decimal color 2456367.

# 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**  
2456367

**Protanopia**  
7826218

**Deuteranopia**  
8611381



# Trichromacy



**Original Color**

2456367



**Protanomaly**

5861676



**Deuteranomaly**

6385203



**Tritanomaly**

3438177

# Monochromacy



**Original Color**

2456367



**Achromatopsia**

5855577



**Achromatomaly**

4613450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2456367 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 #257B2F looks like.

```
.text, #text, p{  
  color:#257B2F  
}
```

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 #257B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257B2F
}
```

## Border

The CSS property to change the border of an element to Decimal 2456367 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
#257B2F }
```

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

```
.border{ border-color:#257B2F }
```

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

Here you see how a box with a 4 pixel #257B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257B2F; -webkit-box-shadow:4px 4px  
4px 4px #257B2F; box-shadow:4px 4px 4px  
4px #257B2F }
```

# Background

The CSS property to change the background color of an element to Decimal 2456367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257B2F }
```

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

```
.background{ background-color:#257B2F }
```

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