

# Converting Colors

Decimal(4037434)

Have a look what the booklet for  
Decimal(4037434) contains.

<b>Decimal(4037434)</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(4037434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D9B3A
RGB	61, 155, 58
RGB Percent	24%, 61%, 23%
CMY	0.7608, 0.3922, 0.7725
CMYK	0.61, 0.00, 0.63, 0.39
HSL	118°, 46%, 42%
HSV	118°, 63%, 61%
XYZ	14.4095, 24.7403, 8.0189
YIQ	115.8360, -24.8870, -50.0950

# Conversions

## Conversions Part 2

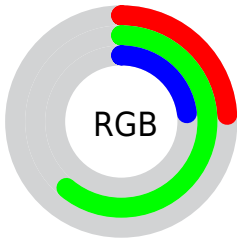
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 155, 152
Decimal	4037434
CIELab	56.82, -47.28, 41.72
CIELCh	57, 63.054, 138.572
Yxy	24.7403, 0.3055, 0.5245
Android (android.graphics.Color)	4282227514 (0xFF3D9B3A)
YUV	115.8360, -28.5131, -48.0912
Hunter-Lab	49.7396, -35.3330, 25.2592

# Details

The Decimal color **4037434** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9976475**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **7787117**, and **26370** is the 20% darker color. If you saturate the color by 10%, you get **3054378**, and if you desaturate by 10%, it is **5020489**.

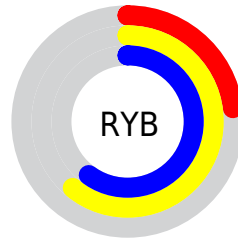
# Distribution



Red (24%)

Green (61%)

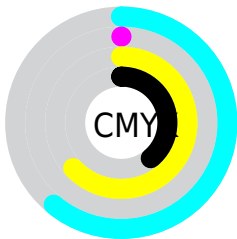
Blue (23%)



Red (23%)

Yellow (61%)

Blue (60%)

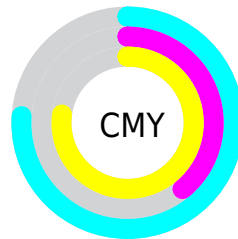


Cyan (61%)

Magenta (0%)

Yellow (63%)

Black (39%)



Cyan (76%)

Magenta (39%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4037434 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 4037434 by changing the saturation by 10% instead.





4037434



4037434

16777215



1802272



7787117



26370



9695111



19968



11534242



13824



13434814



8192



15335386



0



16777207



4037434



4037434



3054378



5020489

■ 2071323

■ 6003545

■ 1088267

■ 6986600

■ 367360

■ 7969656

■ 8952711

■ 9935767

■ 10918823

■ 11901878

■ 12884933

# Harmonies

## Analogous

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



8622084



4037434



41329

# Triad

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



4037434



38388



15356777

# Complementary

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



4037434



9976475

# 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.



14701728



4037434



5997553

# Square

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



4037434



40922



11889362



14247735

# Rectangle

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



4037434



41623



11889362



15356027



# Sweetspot

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



4037434



10799523



10197050



5203535



15132390



6710886



# Same Dimension

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



4037434



3655986



3840871



4541765



297984



3328



# Inverse Universe

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



9976475



12923593



10173038



4998477



8913036



786445



# Previews

## White Background



This preview shows how the Decimal color 4037434 looks on a white background.

## Color Contrast Check

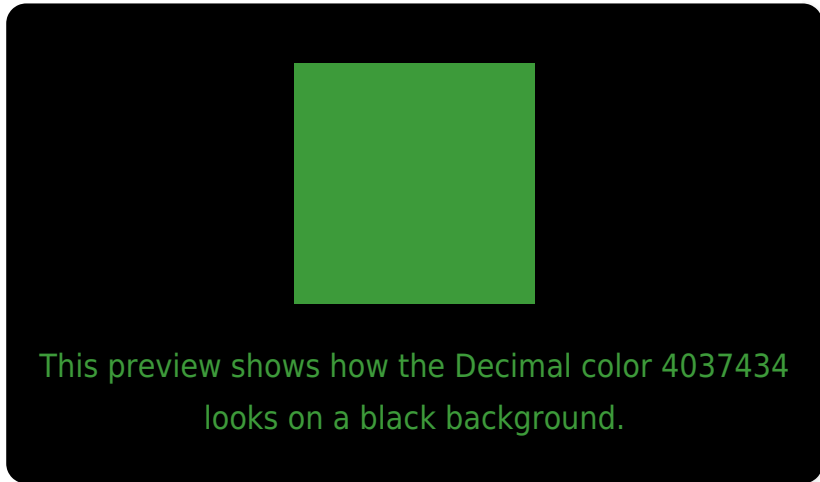
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

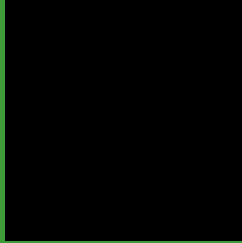
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4037434 Background



This preview shows how black text looks on a background with the Decimal color 4037434.




This preview shows how white text looks on a background with the Decimal color 4037434.

# 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**  
5542301

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4037434 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 #3D9B3A looks like.

```
.text, #text, p{  
    color:#3D9B3A  
}
```

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 #3D9B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9B3A
}
```

## Border

The CSS property to change the border of an element to Decimal 4037434 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
#3D9B3A }
```

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

```
.border{ border-color:#3D9B3A }
```

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

Here you see how a box with a 4 pixel #3D9B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9B3A; -webkit-box-shadow:4px 4px  
4px 4px #3D9B3A; box-shadow:4px 4px 4px  
4px #3D9B3A }
```

# Background

The CSS property to change the background color of an element to Decimal 4037434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9B3A }
```

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

```
.background{ background-color:#3D9B3A }
```

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