

# Converting Colors

Decimal(4092971)

Have a look what the booklet for  
Decimal(4092971) contains.

<b>Decimal(4092971)</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(4092971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E742B
RGB	62, 116, 43
RGB Percent	24%, 45%, 17%
CMY	0.7569, 0.5451, 0.8314
CMYK	0.47, 0.00, 0.63, 0.55
HSL	104°, 46%, 31%
HSV	104°, 63%, 45%
XYZ	8.6680, 13.6893, 4.4710
YIQ	91.5320, -8.7510, -34.1510

# Conversions

## Conversions Part 2

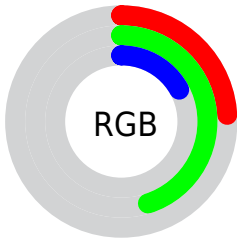
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 116, 97
Decimal	4092971
CIELab	43.78, -32.63, 34.08
CIELCh	44, 47.180, 133.758
Yxy	13.6893, 0.3231, 0.5103
Android (android.graphics.Color)	4282283051 (0xFF3E742B)
YUV	91.5320, -23.9263, -25.8996
Hunter-Lab	36.9991, -22.9300, 18.7348

# Details

The Decimal color **4092971** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6368116**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7514459**, and **344832** is the 20% darker color. If you saturate the color by 10%, you get **3503135**, and if you desaturate by 10%, it is **4682807**.

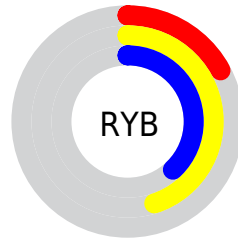
# Distribution



Red (24%)

Green (45%)

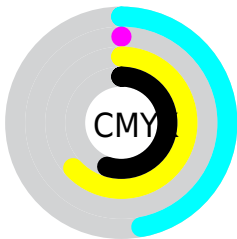
Blue (17%)



Red (17%)

Yellow (45%)

Blue (38%)

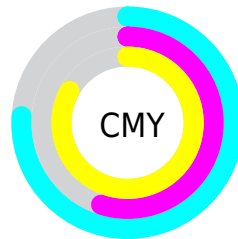


Cyan (47%)

Magenta (0%)

Yellow (63%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4092971 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 4092971 by changing the saturation by 10% instead.





4092971



4092971

16777215



2382611



7514459



344832



9290869



11264



11067535



5632



12909994



0



14745541



16646114



4092971



4092971



3503135



4682807

■ 2978836

■ 5207106

■ 2389000

■ 5796942

■ 1995776

■ 6321241

■ 6911077

■ 7435377

■ 8025212

■ 8615048

■ 9139347

# Harmonies

## Analogous

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



7039761



4092971



31056

# Triad

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



4092971



29363



11420247

# Complementary

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



4092971



6368116

# 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.



10700414



4092971



3958452

# Square

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



4092971



30877



8410528



10833459

# Rectangle

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



4092971



31339



8410528



11354724



# Sweetspot

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



4092971



8492666



7627051



4148539



13421772



5066061



# Same Dimension

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



4092971



4363812



2847804



3554101



2128384



4323840



# Inverse Universe

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



6368116



7939222



7613283



3749179



5963898



12124410



# Previews

## White Background



This preview shows how the Decimal color 4092971 looks on a white background.

## Color Contrast Check

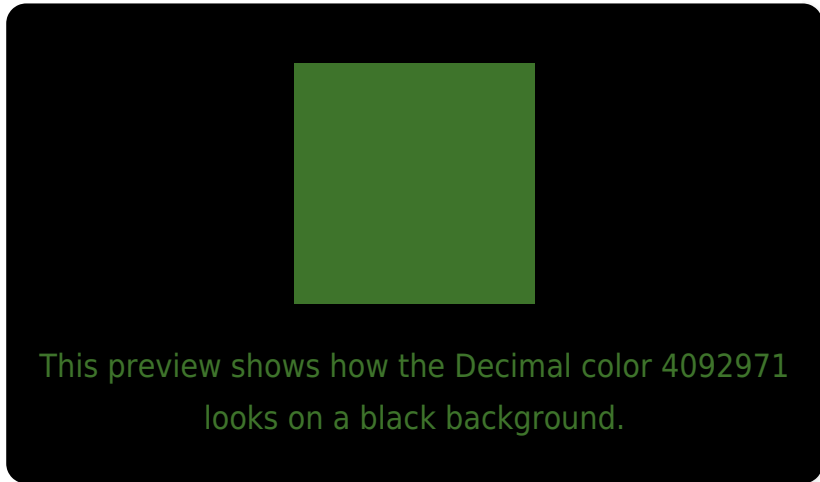
Large Text (above 18pt) WCAG AA ✓ Pass

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

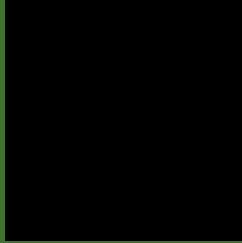
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4092971 Background



This preview shows how black text looks on a background with the Decimal color 4092971.



This preview shows how white text looks on a background with the Decimal color 4092971.

# 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**  
4092971

**Protanopia**  
7563047

**Deuteranopia**  
8348208



**Tritanopia**  
4943221

# Trichromacy



**Original Color**  
4092971

**Protanomaly**  
6319144

**Deuteranomaly**  
6777134

**Tritanomaly**  
4616282

# Monochromacy



**Original Color**  
4092971

**Achromatopsia**  
6052956

**Achromatomaly**  
5334346

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4092971 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 #3E742B looks like.

```
.text, #text, p{  
    color:#3E742B  
}
```

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 #3E742B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E742B
}
```

## Border

The CSS property to change the border of an element to Decimal 4092971 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".

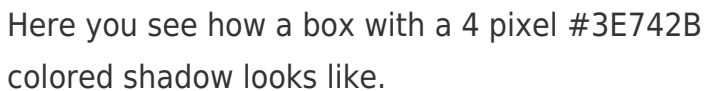
```
.border, #border, table{ border:4px solid
#3E742B }
```

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

```
.border{ border-color:#3E742B }
```

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

Here you see how a box with a 4 pixel #3E742B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E742B; -webkit-box-shadow:4px 4px  
4px 4px #3E742B; box-shadow:4px 4px 4px  
4px #3E742B }
```

# Background

The CSS property to change the background color of an element to Decimal 4092971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E742B }
```

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

```
.background{ background-color:#3E742B }
```

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