

# Converting Colors

Decimal(3047461)

Have a look what the booklet for  
Decimal(3047461) contains.

<b>Decimal(3047461)</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(3047461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E8025
RGB	46, 128, 37
RGB Percent	18%, 50%, 15%
CMY	0.8196, 0.4980, 0.8549
CMYK	0.64, 0.00, 0.71, 0.50
HSL	114°, 55%, 32%
HSV	114°, 71%, 50%
XYZ	9.1798, 16.1528, 4.3842
YIQ	93.1080, -19.6610, -45.6850

# Conversions

## Conversions Part 2

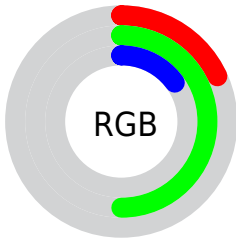
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 128, 119
Decimal	3047461
CIE <sub>Lab</sub>	47.17, -42.90, 40.37
CIE <sub>LCh</sub>	47, 58.908, 136.738
Yxy	16.1528, 0.3089, 0.5436
Android (android.graphics.Color)	4281237541 (0xFF2E8025)
YUV	93.1080, -27.6612, -41.3137
Hunter-Lab	40.1905, -29.5626, 21.6656

# Details

The Decimal color **3047461** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7808384**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **6731351**, and **19968** is the 20% darker color. If you saturate the color by 10%, you get **2261016**, and if you desaturate by 10%, it is **3833906**.

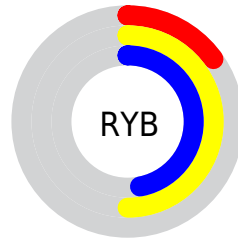
# Distribution



Red (18%)

Green (50%)

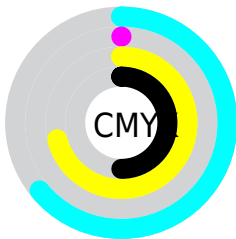
Blue (15%)



Red (15%)

Yellow (50%)

Blue (47%)

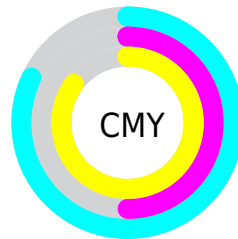


Cyan (64%)

Magenta (0%)

Yellow (71%)

Black (50%)



Cyan (82%)

Magenta (50%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3047461 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 3047461 by changing the saturation by 10% instead.



■ 3047461

■ 3047461

16777215

■ 484872

■ 6731351

■ 19968

■ 8573553

■ 13824

■ 10415755

■ 8448

■ 12255142

■ 0

■ 14155714

■ 16056286

■ 16777211

■ 3047461

■ 3047461

■ 2261016

■ 3833906

■ 1540107

■ 4554815

■ 884736

■ 5341259

■ 6062168

■ 6848613

■ 7569522

■ 8355967

■ 9076875

■ 9863320

# Harmonies

## Analogous

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



7173632



3047461



34135

# Triad

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



3047461



31953



13057110

# Complementary

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



3047461



7808384

# 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.



12402568



3047461



3763408

# Square

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



3047461



33975



9721268



12144680

# Rectangle

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



3047461



34426



9721268



13056615



# Sweetspot

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



3047461



8824451



8419109



4281407



13948116



5526612



# Same Dimension

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



3047461



2598425



2457673



3817529



884736



0



# Inverse Universe

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



7808384



9968038



8398172



4143424



7536768



0



# Previews

## White Background



This preview shows how the Decimal color 3047461 looks on a white background.

## Color Contrast Check

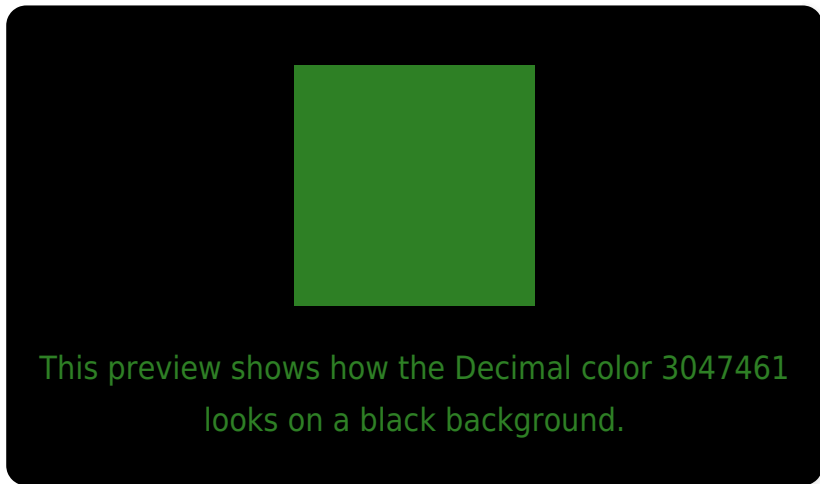
Large Text (above 18pt) WCAG AA ✓ Pass

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

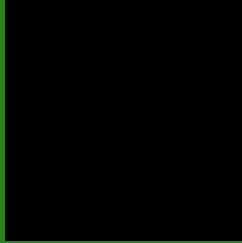
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3047461 Background



This preview shows how black text looks on a background with the Decimal color 3047461.



This preview shows how white text looks on a background with the Decimal color 3047461.

# 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**  
3047461

**Protanopia**  
8220449

**Deuteranopia**  
9071149



**Tritanopia**  
4487041

# Trichromacy



**Original Color**  
3047461

**Protanomaly**  
6321442

**Deuteranomaly**  
6910506

**Tritanomaly**  
3963488

# Monochromacy



**Original Color**  
3047461

**Achromatopsia**  
6118749

**Achromatomaly**  
5007945

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3047461 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 #2E8025 looks like.

```
.text, #text, p{  
    color:#2E8025  
}
```

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 #2E8025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8025
}
```

## Border

The CSS property to change the border of an element to Decimal 3047461 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
#2E8025 }
```

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

```
.border{ border-color:#2E8025 }
```

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

Here you see how a box with a 4 pixel #2E8025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8025; -webkit-box-shadow:4px 4px  
4px 4px #2E8025; box-shadow:4px 4px 4px  
4px #2E8025 }
```

# Background

The CSS property to change the background color of an element to Decimal 3047461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8025 }
```

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

```
.background{ background-color:#2E8025 }
```

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