

# Converting Colors

Decimal(6007872)

Have a look what the booklet for  
Decimal(6007872) contains.

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# **Color**

**Decimal(6007872)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BAC40
RGB	91, 172, 64
RGB Percent	36%, 67%, 25%
CMY	0.6431, 0.3255, 0.7490
CMYK	0.47, 0.00, 0.63, 0.33
HSL	105°, 46%, 46%
HSV	105°, 63%, 67%
XYZ	19.9923, 32.0994, 9.9926
YIQ	135.4690, -13.6080, -50.7600

# Conversions

## Conversions Part 2

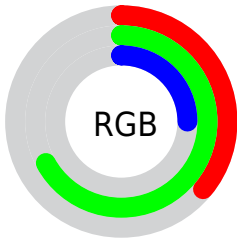
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 172, 145
Decimal	6007872
CIELab	63.42, -44.99, 46.73
CIELCh	63, 64.866, 133.916
Yxy	32.0994, 0.3220, 0.5170
Android (android.graphics.Color)	4284197952 (0xFF5BAC40)
YUV	135.4690, -35.2342, -38.9993
Hunter-Lab	56.6563, -36.1612, 29.2023

# Details

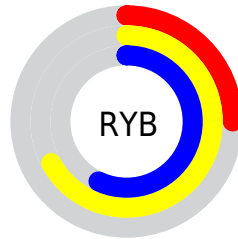
The Decimal color **6007872** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9519276**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **9692276**, and **2062085** is the 20% darker color. If you saturate the color by 10%, you get **5155887**, and if you desaturate by 10%, it is **6859857**.

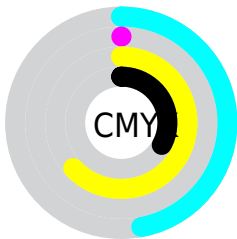
# Distribution



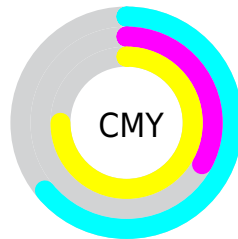
- Red (36%)
- Green (67%)
- Blue (25%)



- Red (25%)
- Yellow (67%)
- Blue (57%)



- Cyan (47%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6007872 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 6007872 by changing the saturation by 10% instead.





6007872



6007872

16777215



4165926



9692276



2062085



11534223



23808



13434794



17664



15335366



11776



16777186



5120



0



6007872



6007872



5155887



6859857

■ 4303902

■ 7711842

■ 3451916

■ 8563828

■ 2862080

■ 9415813

■ 10267798

■ 11054247

■ 11906232

■ 12758218

■ 13610203

# Harmonies

## Analogous

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



10329877



6007872



45943

# Triad

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



6007872



43519



16736897

# Complementary

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



6007872



9519276

# 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.



15886267



6007872



5740543

# Square

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



6007872



45801



12549869



16020299

# Rectangle

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



6007872



46496



12549869



16736660



# Sweetspot

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



6007872



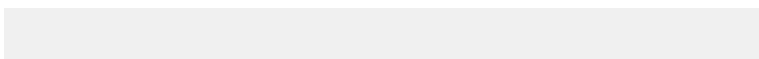
12640438



11309376



6123606



15790320



7368816



# Same Dimension

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



6007872



6479928



4238427



5265230



2528768



399104



# Inverse Universe

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



9519276



11942112



11288721



5590615



7405718



1114135



# Previews

## White Background



This preview shows how the Decimal color 6007872 looks on a white background.

## Color Contrast Check

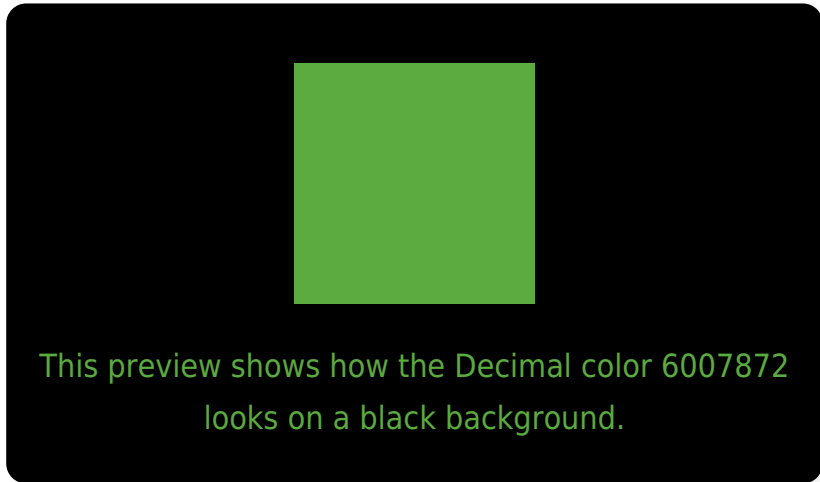
Large Text (above 18pt) WCAG AA × Fail

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 6007872 Background



This preview shows how black text looks on a background with the Decimal color 6007872.

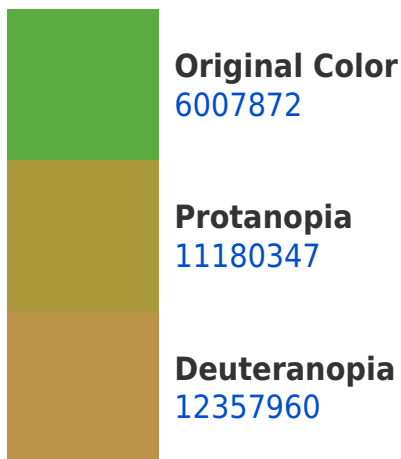



This preview shows how white text looks on a background with the Decimal color 6007872.

# 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](#).

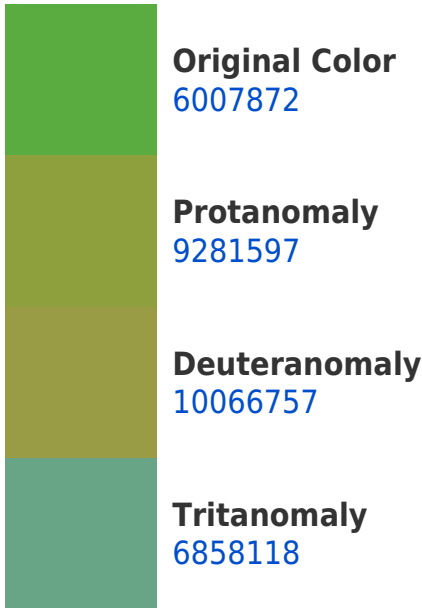
## Dichromacy





**Tritanopia**  
7315886

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6007872 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 #5BAC40 looks like.

```
.text, #text, p{  
  color:#5BAC40  
}
```

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 #5BAC40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAC40
}
```

## Border

The CSS property to change the border of an element to Decimal 6007872 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
#5BAC40 }
```

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

```
.border{ border-color:#5BAC40 }
```

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

Here you see how a box with a 4 pixel #5BAC40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAC40; -webkit-box-shadow:4px 4px  
4px 4px #5BAC40; box-shadow:4px 4px 4px  
4px #5BAC40 }
```

# Background

The CSS property to change the background color of an element to Decimal 6007872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAC40 }
```

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

```
.background{ background-color:#5BAC40 }
```

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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