

# Converting Colors

Decimal(5938237)

Have a look what the booklet for  
Decimal(5938237) contains.

<b>Decimal(5938237)</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(5938237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A9C3D
RGB	90, 156, 61
RGB Percent	35%, 61%, 24%
CMY	0.6471, 0.3882, 0.7608
CMYK	0.42, 0.00, 0.61, 0.39
HSL	102°, 44%, 43%
HSV	102°, 61%, 61%
XYZ	16.9472, 26.2875, 8.5957
YIQ	125.4360, -8.8410, -43.5370

# Conversions

## Conversions Part 2

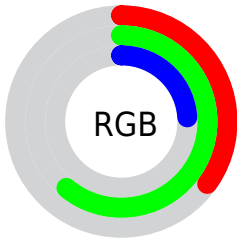
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 156, 127
Decimal	5938237
CIELab	58.31, -38.88, 42.32
CIELCh	58, 57.468, 132.570
Yxy	26.2875, 0.3270, 0.5072
Android (android.graphics.Color)	4284128317 (0xFF5A9C3D)
YUV	125.4360, -31.7669, -31.0774
Hunter-Lab	51.2714, -30.7235, 25.9500

# Details

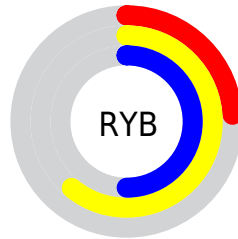
The Decimal color **5938237** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8338844**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9491312**, and **2254853** is the 20% darker color. If you saturate the color by 10%, you get **5217325**, and if you desaturate by 10%, it is **6659149**.

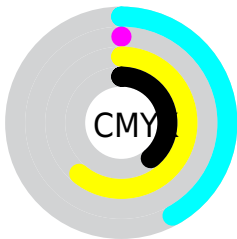
# Distribution



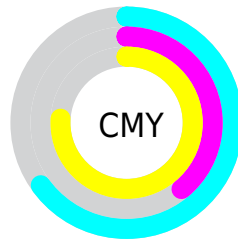
- Red (35%)
- Green (61%)
- Blue (24%)



- Red (24%)
- Yellow (61%)
- Blue (50%)



- Cyan (42%)
- Magenta (0%)
- Yellow (61%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5938237 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 5938237 by changing the saturation by 10% instead.





5938237



5938237

16777215



4162084



9491312



2254853



11333770



20224



13172645



14336



15073217



9216



16777181



0



16777210



5938237



5938237



5217325



6659149

■ 4496414

■ 7380060

■ 3775502

■ 8100972

■ 3185664

■ 8756347

■ 9477259

■ 10198171

■ 10919082

■ 11639994

■ 12360905

# Harmonies

## Analogous

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



9605149



5938237



41580

# Triad

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



5938237



39660



15228281

# Complementary

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



5938237



8338844

# 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.



14181036



5938237



5278703

# Square

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



5938237



41679



11171543



14510922

# Rectangle

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



5938237



42127



11171543



15096970



# Sweetspot

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



5938237



11717799



10255933



5662288



15132390



6710886



# Same Dimension

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



5938237



6671415



4037710



4869959



2920192



331520



# Inverse Universe

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



8338844



10434508



10239371



5064527



6488207



720911



# Previews

## White Background



This preview shows how the Decimal color 5938237 looks on a white background.

## Color Contrast Check

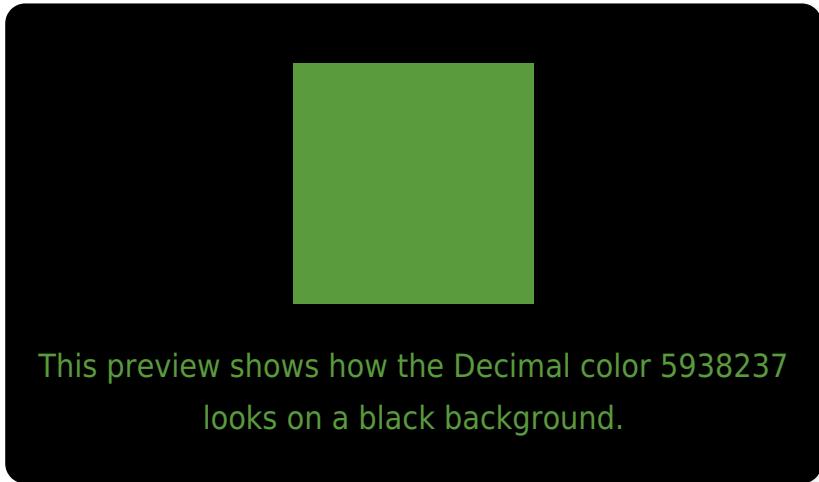
Large Text (above 18pt) WCAG AA ✓ Pass

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

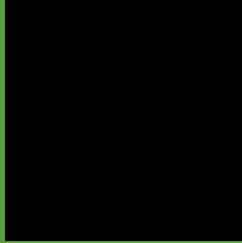
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5938237 Background



This preview shows how black text looks on a background with the Decimal color 5938237.



This preview shows how white text looks on a background with the Decimal color 5938237.

# 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





# Trichromacy



**Original Color**  
5938237

**Protanomaly**  
8622650

**Deuteranomaly**  
9342273

**Tritanomaly**  
6592123

# Monochromacy



**Original Color**  
5938237

**Achromatopsia**  
8224125

**Achromatomaly**  
7374950

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5938237 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 #5A9C3D looks like.

```
.text, #text, p{  
    color:#5A9C3D  
}
```

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 #5A9C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9C3D
}
```

## Border

The CSS property to change the border of an element to Decimal 5938237 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
#5A9C3D }
```

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

```
.border{ border-color:#5A9C3D }
```

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

Here you see how a box with a 4 pixel #5A9C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9C3D; -webkit-box-shadow:4px 4px  
4px 4px #5A9C3D; box-shadow:4px 4px 4px  
4px #5A9C3D }
```

# Background

The CSS property to change the background color of an element to Decimal 5938237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9C3D }
```

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

```
.background{ background-color:#5A9C3D }
```

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