

# Converting Colors

Decimal(5757742)

Have a look what the booklet for  
Decimal(5757742) contains.

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# **Color**

**Decimal(5757742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57DB2E
RGB	87, 219, 46
RGB Percent	34%, 86%, 18%
CMY	0.6588, 0.1412, 0.8196
CMYK	0.60, 0.00, 0.79, 0.14
HSL	106°, 71%, 52%
HSV	106°, 79%, 86%
XYZ	29.7551, 52.8865, 11.2246
YIQ	159.8100, -23.1390, -81.7870

# Conversions

## Conversions Part 2

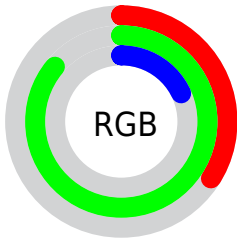
Format	Color
<a href="#">RYB</a>	<a href="#">46, 219, 178</a>
Decimal	<a href="#">5757742</a>
CIELab	<a href="#">77.81, -64.84, 67.96</a>
CIELCh	<a href="#">78, 93.930, 133.655</a>
Yxy	<a href="#">52.8865, 0.3170, 0.5634</a>
Android (android.graphics.Color)	<a href="#">4283947822 (0xFF57DB2E)</a>
YUV	<a href="#">159.8100, -56.1083, -63.8544</a>
Hunter-Lab	<a href="#">72.7231, -54.2310, 41.7549</a>

# Details

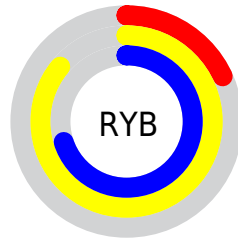
The Decimal color **5757742** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **11677403**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **9895786**, and **41728** is the 20% darker color. If you saturate the color by 10%, you get **4643608**, and if you desaturate by 10%, it is **6871876**.

# Distribution



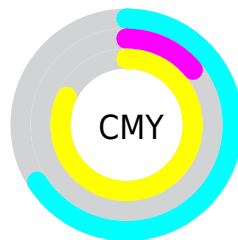
- Red (34%)
- Green (86%)
- Blue (18%)



- Red (18%)
- Yellow (86%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (79%)
- Black (14%)



- Cyan (66%)
- Magenta (14%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5757742 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 5757742 by changing the saturation by 10% instead.



 5757742

 5757742

16777215

 3325696

 9895786

 41728

 11927430

 34560

 13893539

 27904

 15925183

 21248

 16777180

 15104

 16777210

 8704

 0

 5757742

 5757742

■ 4643608

■ 6871876

■ 3595010

■ 7920474

■ 3463936

■ 9034608

■ 10148742

■ 11262876

■ 12311473

■ 13425607

■ 14539741

■ 15588339

# Harmonies

## Analogous

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



12765440



5757742



58508

# Triad

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



5757742



55551



16735644

# Complementary

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



5757742



11677403

# 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.



16738548



5757742



48639

# Square

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



5757742



58623



16094719



16744778

# Rectangle

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



5757742



59337



16094719



16734905

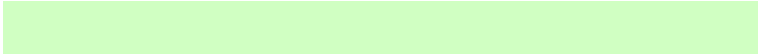


# Sweetspot

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



5757742



13696962



14397486



6520923



0



8421504



# Same Dimension

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



5757742



4652813



3070809



6647395



2731264



732672



# Inverse Universe

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



11677403



12979711



14364336



7037806



8650925

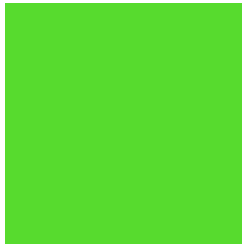


2293806



# Previews

## White Background



This preview shows how the Decimal color 5757742 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



This preview shows how the Decimal color 5757742 looks on a 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 5757742 Background



This preview shows how black text looks on a background with the Decimal color 5757742.

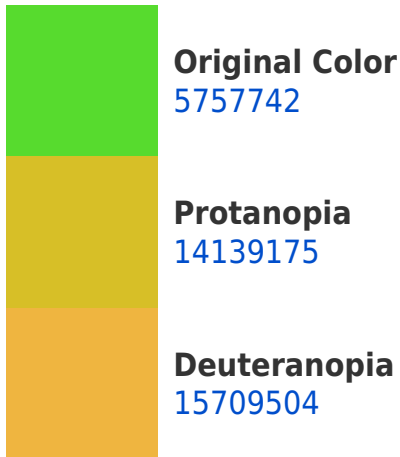


This preview shows how white text looks on a background with the Decimal color 5757742.

# 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**  
8047836

# Trichromacy



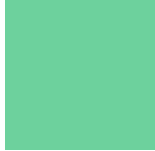
**Original Color**  
5757742



**Protanomaly**  
11061546



**Deuteranomaly**  
12108601



**Tritanomaly**  
7197085

# Monochromacy



**Original Color**  
5757742



**Achromatopsia**  
10526880



**Achromatomaly**  
8762743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5757742 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 #57DB2E looks like.

```
.text, #text, p{  
  color:#57DB2E  
}
```

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 #57DB2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DB2E
}
```

## Border

The CSS property to change the border of an element to Decimal 5757742 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
#57DB2E }
```

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

```
.border{ border-color:#57DB2E }
```

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

Here you see how a box with a 4 pixel #57DB2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DB2E; -webkit-box-shadow:4px 4px  
4px 4px #57DB2E; box-shadow:4px 4px 4px  
4px #57DB2E }
```

# Background

The CSS property to change the background color of an element to Decimal 5757742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DB2E }
```

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

```
.background{ background-color:#57DB2E }
```

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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