

# Converting Colors

Decimal(5754727)

Have a look what the booklet for  
Decimal(5754727) contains.

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# Color

**Decimal(5754727)**

# Conversions

Conversions Part 1	
Format	Color
Hex	57CF67
RGB	87, 207, 103
RGB Percent	34%, 81%, 40%
CMY	0.6588, 0.1882, 0.5961
CMYK	0.58, 0.00, 0.50, 0.19
HSL	128°, 56%, 58%
HSV	128°, 58%, 81%
XYZ	28.6915, 47.6312, 20.5135
YIQ	159.2640, -38.1360, -57.7840

# Conversions

## Conversions Part 2

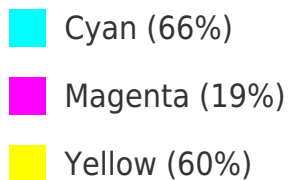
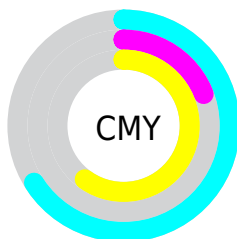
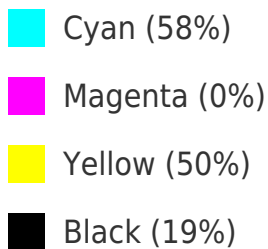
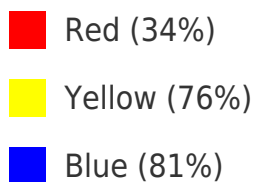
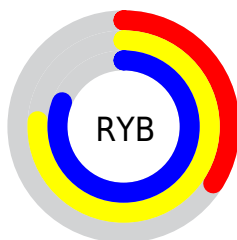
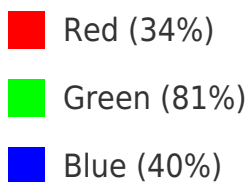
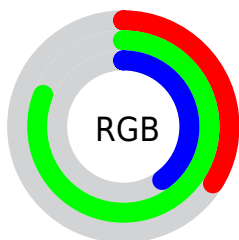
Format	Color
<a href="#">RYB</a>	<a href="#">87, 193, 207</a>
Decimal	<a href="#">5754727</a>
CIELab	<a href="#">74.59, -55.07, 41.54</a>
CIELCh	<a href="#">75, 68.981, 142.975</a>
Yxy	<a href="#">47.6312, 0.2963, 0.4919</a>
Android (android.graphics.Color)	<a href="#">4283944807</a> (0xFF57CF67)
YUV	<a href="#">159.2640, -27.7382, -63.3755</a>
Hunter-Lab	<a href="#">69.0153, -46.5697, 30.6879</a>

# Details

The Decimal color **5754727** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **13588415**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **9633692**, and **38708** is the 20% darker color. If you saturate the color by 10%, you get **4378453**, and if you desaturate by 10%, it is **7131001**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Decimal color 5754727 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 5754727 by changing the saturation by 10% instead.



 5754727

 5754727

16777215

 3584845

 9633692

 38708

 11599799

 32026

 13500372

 25344

 15466480

 18944

 13056

 6400

 0

 5754727

 5754727

 4378453


 7131001

 3067715

 8441739

 1691441

 9818013

 315167

 11194287

 53020

 12570561

 13881299

 15257573

 16633847

 16764927

# Harmonies

## Analogous

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



11125559



5754727



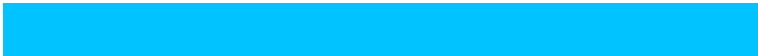
54694

# Triad

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



5754727



50175



16744586

# Complementary

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



5754727



13588415

# 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.



16743881



5754727



10399231

# Square

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



5754727



53503



16159487



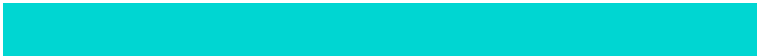
16750163

# Rectangle

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



5754727



54994



16159487



16743582

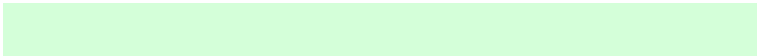


# Sweetspot

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



5754727



13959129



12570455



6717545



0



8421504



# Same Dimension

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



5754727



5111652



5754787



6187359



43030



10501



# Inverse Universe

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



13588415



16731623



13588355



6905447



11010194

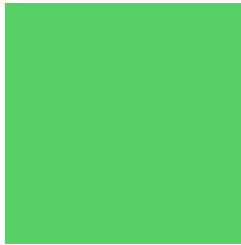


2687011



# Previews

## White Background



This preview shows how the Decimal color 5754727 looks on a white background.

## Color Contrast Check

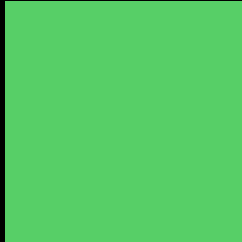
Large Text (above 18pt) WCAG AA × Fail

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 5754727 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 5754727 Background



This preview shows how black text looks on a background with the Decimal color 5754727.

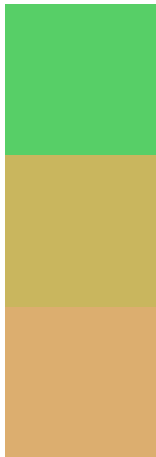


This preview shows how white text looks on a background with the Decimal color 5754727.

# 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](#).

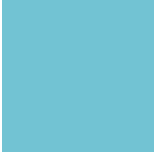
## Dichromacy



**Original Color**  
5754727

**Protanopia**  
13219422

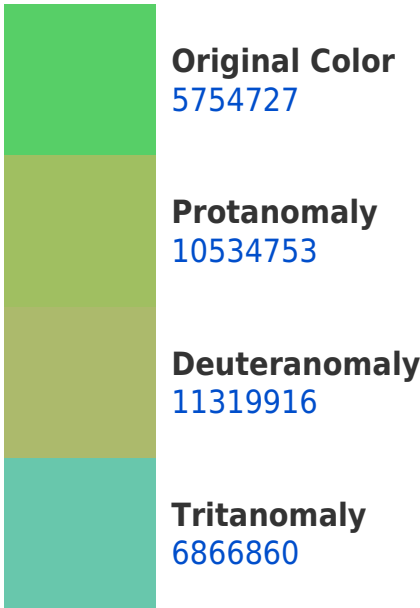
**Deuteranopia**  
14462575



# Tritanopia

7521235

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5754727 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 #57CF67 looks like.

```
.text, #text, p{  
    color:#57CF67  
}
```

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 #57CF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57CF67
}
```

## Border

The CSS property to change the border of an element to Decimal 5754727 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
#57CF67 }
```

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

```
.border{ border-color:#57CF67 }
```

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

Here you see how a box with a 4 pixel #57CF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57CF67; -webkit-box-shadow:4px 4px  
4px 4px #57CF67; box-shadow:4px 4px 4px  
4px #57CF67 }
```

# Background

The CSS property to change the background color of an element to Decimal 5754727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57CF67 }
```

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

```
.background{ background-color:#57CF67 }
```

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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