

# Converting Colors

Decimal(5757809)

Have a look what the booklet for  
Decimal(5757809) contains.

<b>Decimal(5757809)</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(5757809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57DB71
RGB	87, 219, 113
RGB Percent	34%, 86%, 44%
CMY	0.6588, 0.1412, 0.5569
CMYK	0.60, 0.00, 0.48, 0.14
HSL	132°, 65%, 60%
HSV	132°, 60%, 86%
XYZ	32.2426, 53.8815, 24.3236
YIQ	167.4480, -44.6460, -60.9500

# Conversions

## Conversions Part 2

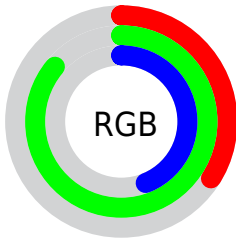
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 197, 219
Decimal	5757809
CIELab	78.39, -58.15, 41.39
CIELCh	78, 71.379, 144.557
Yxy	53.8815, 0.2919, 0.4878
Android (android.graphics.Color)	4283947889 (0xFF57DB71)
YUV	167.4480, -26.8429, -70.5529
Hunter-Lab	73.4040, -50.0512, 31.7361

# Details

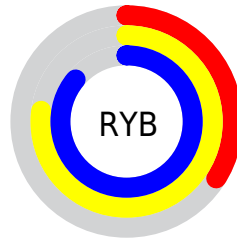
The Decimal color **5757809** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14374849**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **9764774**, and **41790** is the 20% darker color. If you saturate the color by 10%, you get **4315999**, and if you desaturate by 10%, it is **7199619**.

# Distribution



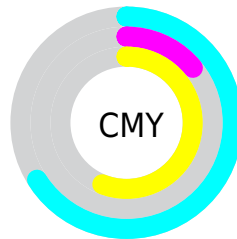
- Red (34%)
- Green (86%)
- Blue (44%)



- Red (34%)
- Yellow (77%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (48%)
- Black (14%)



- Cyan (66%)
- Magenta (14%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5757809 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 5757809 by changing the saturation by 10% instead.



 5757809

 5757809

16777215

 3456855

 9764774

 41790

 11730882

 34853

 13696991

 27911

 15663099

 21504

 15104

 9216

 0

 5757809

 5757809

■ 4315999

■ 7199619

■ 2874190

■ 8641428

■ 1432380

■ 10083238

■ 56107

■ 11525047

■ 12901321

■ 14343131

■ 15784940

■ 16767998

■ 16767999

# Harmonies

## Analogous

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



11521854



5757809



57779

# Triad

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



5757809



52735



16746895

# Complementary

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



5757809



14374849

# 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.



16745937



5757809



11449855

# Square

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



5757809



56319



16751103



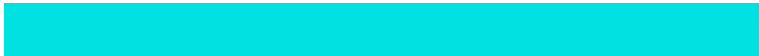
16752726

# Rectangle

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



5757809



58081



16751103



16745892

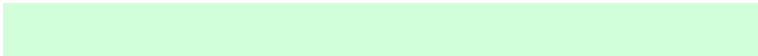


# Sweetspot

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



5757809



13762522



12835671



6520937



0



8421504



# Same Dimension

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



5757809



4718444



5757873



6516325



44322



11785



# Inverse Universe

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



14374849



16730075



14374785



7234411



11337867



3014693



# Previews

## White Background



This preview shows how the Decimal color 5757809 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 5757809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

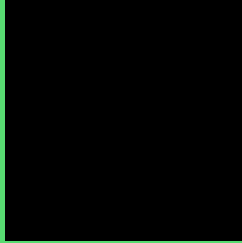
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5757809 Background



This preview shows how black text looks on a background with the Decimal color 5757809.



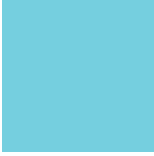
This preview shows how white text looks on a background with the Decimal color 5757809.

# 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



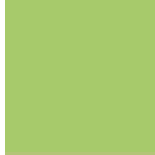


**Tritanopia**  
7720927

# Trichromacy



**Original Color**  
5757809



**Protanomaly**  
10996331



**Deuteranomaly**  
11781495



**Tritanomaly**  
7001015

# Monochromacy



**Original Color**  
5757809



**Achromatopsia**  
10987431



**Achromatomaly**  
9091731

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5757809 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 #57DB71 looks like.

```
.text, #text, p{  
    color:#57DB71  
}
```

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 #57DB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DB71
}
```

## Border

The CSS property to change the border of an element to Decimal 5757809 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
#57DB71 }
```

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

```
.border{ border-color:#57DB71 }
```

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

Here you see how a box with a 4 pixel #57DB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DB71; -webkit-box-shadow:4px 4px  
4px 4px #57DB71; box-shadow:4px 4px 4px  
4px #57DB71 }
```

# Background

The CSS property to change the background color of an element to Decimal 5757809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DB71 }
```

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

```
.background{ background-color:#57DB71 }
```

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