

Converting Colors

Decimal(5949557)

Have a look what the booklet for
Decimal(5949557) contains.

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Color

Decimal(5949557)

Conversions

Conversions Part 1

Format	Color
Hex	5AC875
RGB	90, 200, 117
RGB Percent	35%, 78%, 46%
CMY	0.6471, 0.2157, 0.5412
CMYK	0.55, 0.00, 0.42, 0.22
HSL	135°, 50%, 57%
HSV	135°, 55%, 78%
XYZ	28.0816, 44.7666, 23.9904
YIQ	157.6480, -38.9170, -49.1330

Conversions

Conversions Part 2

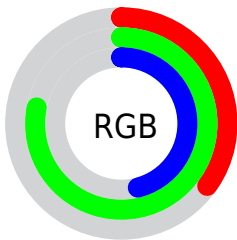
Format	Color
RYB	90, 178, 200
Decimal	5949557
CIELab	72.74, -49.48, 32.20
CIELCh	73, 59.031, 146.943
Yxy	44.7666, 0.2900, 0.4623
Android (android.graphics.Color)	4284139637 (0xFF5AC875)
YUV	157.6480, -20.0395, -59.3273
Hunter-Lab	66.9078, -42.1712, 25.5765

Details

The Decimal color **5949557** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **13130413**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9764778**, and **1347907** is the 20% darker color. If you saturate the color by 10%, you get **4638822**, and if you desaturate by 10%, it is **7260292**.

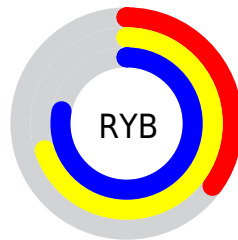
Distribution



Red (35%)

Green (78%)

Blue (46%)



Red (35%)

Yellow (70%)

Blue (78%)

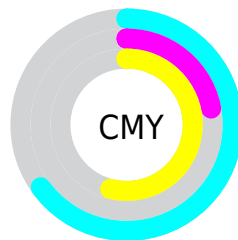


Cyan (55%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5949557 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 5949557 by changing the saturation by 10% instead.

■ 5949557

■ 5949557

16777215

■ 3910748

■ 9764778

■ 1347907

■ 11665350

■ 30507

■ 13565922

■ 23827

■ 15532031

■ 17408

■ 11776

■ 4352

■ 0

■ 5949557

■ 5949557

4638822

7260292

3328087

8571027

2017352

9881762

706617

11192497

51249

12503232

13813968

15124703

16435438

16763133

Harmonies

Analogous

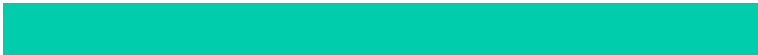
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10534476



5949557



52651

Triad

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



5949557



1817343



16746373

Complementary

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



5949557



13130413

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.



16745402



5949557



11315199

Square

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



5949557



51199



15700462



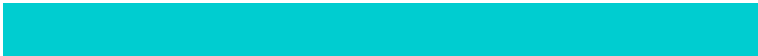
16685400

Rectangle

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



5949557



52688



15700462



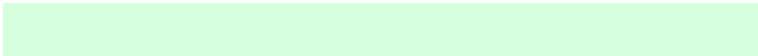
16745622

Sweetspot

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



5949557



13959134



11454554



6717548



0



8421504

Same Dimension

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



5949557



5767040



5949611



5923676



41768



9225

Inverse Universe

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



13130413



16734166



13130359



6511201



10682491



2359323

Previews

White Background



This preview shows how the Decimal color 5949557 looks on a white background.

Color Contrast Check

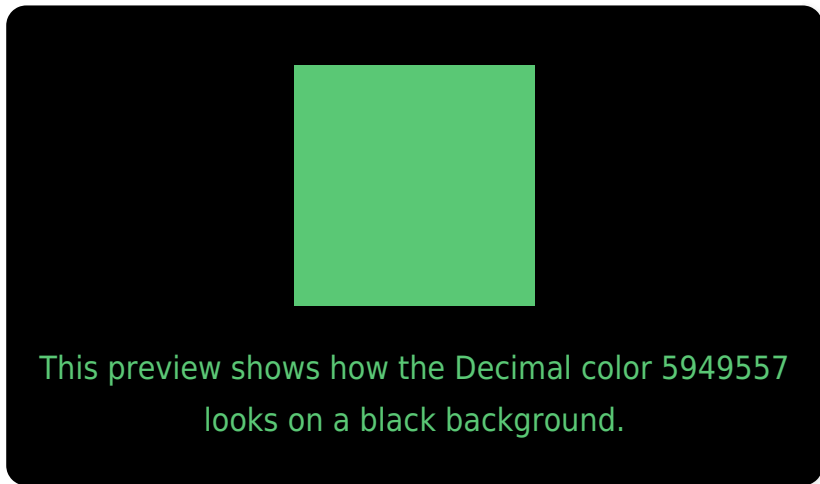
Large Text (above 18pt) WCAG AA × Fail

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

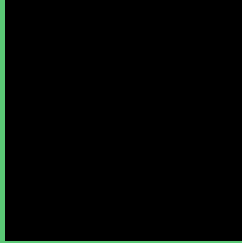
Any Text WCAG AA ✓ Pass

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 5949557 Background



This preview shows how black text looks on a background with the Decimal color 5949557.



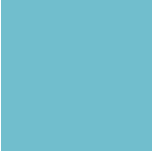
This preview shows how white text looks on a background with the Decimal color 5949557.

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
7454413

Trichromacy



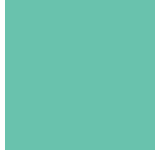
Original Color
5949557



Protanomaly
10271087



Deuteranomaly
10990969



Tritanomaly
6931117

Monochromacy



Original Color
5949557



Achromatopsia
10395294



Achromatomaly
8760719

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5949557 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 #5AC875 looks like.

```
.text, #text, p{  
    color:#5AC875  
}
```

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 #5AC875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC875
}
```

Border

The CSS property to change the border of an element to Decimal 5949557 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
#5AC875 }
```

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

```
.border{ border-color:#5AC875 }
```

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

Here you see how a box with a 4 pixel #5AC875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC875; -webkit-box-shadow:4px 4px  
4px 4px #5AC875; box-shadow:4px 4px 4px  
4px #5AC875 }
```

Background

The CSS property to change the background color of an element to Decimal 5949557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC875 }
```

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

```
.background{ background-color:#5AC875 }
```

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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