

Converting Colors

Decimal(5949467)

Have a look what the booklet for
Decimal(5949467) contains.

Decimal(5949467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5949467)

Conversions

Conversions Part 1

Format	Color
Hex	5AC81B
RGB	90, 200, 27
RGB Percent	35%, 78%, 11%
CMY	0.6471, 0.2157, 0.8941
CMYK	0.55, 0.00, 0.87, 0.22
HSL	98°, 76%, 45%
HSV	98°, 87%, 78%
XYZ	25.0686, 43.5613, 8.1238
YIQ	147.3880, -10.0270, -77.1230

Conversions

Conversions Part 2

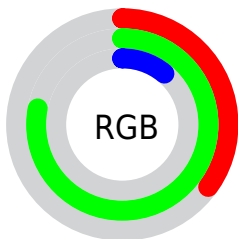
Format	Color
RYB	27, 200, 137
Decimal	5949467
CIELab	71.93, -58.38, 67.41
CIELCh	72, 89.176, 130.890
Yxy	43.5613, 0.3266, 0.5675
Android (android.graphics.Color)	4284139547 (0xFF5AC81B)
YUV	147.3880, -59.3513, -50.3293
Hunter-Lab	66.0010, -47.7038, 38.9029

Details

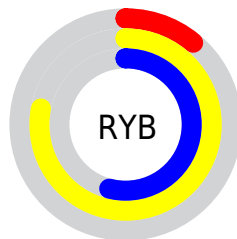
The Decimal color **5949467** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **8985544**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9961307**, and **102656** is the 20% darker color. If you saturate the color by 10%, you get **5097479**, and if you desaturate by 10%, it is **6801455**.

Distribution



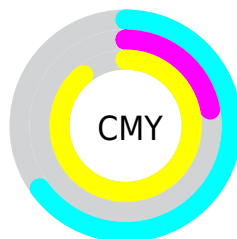
- Red (35%)
- Green (78%)
- Blue (11%)



- Red (11%)
- Yellow (78%)
- Blue (54%)



- Cyan (55%)
- Magenta (0%)
- Yellow (87%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5949467 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 5949467 by changing the saturation by 10% instead.

■ 5949467

■ 5949467

16777215

■ 3779584

■ 9961307

■ 102656

■ 11861879

■ 30208

■ 13827988

■ 23808

■ 15859632

■ 17408

■ 16777165

■ 11520

■ 16777194

■ 3328

■ 0

■ 5949467

■ 5949467

■ 5097479

■ 6801455

■ 4835328

■ 7587907

■ 8439895

■ 9291883

■ 10143871

■ 10930323

■ 11782311

■ 12634299

■ 13420751

Harmonies

Analogous

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



12170752



5949467



53623

Triad

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



5949467



51455



16732566

Complementary

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



5949467



8985544

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.



16736488



5949467



45567

Square

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



5949467



54015



14126079



16740680

Rectangle

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



5949467



54448



14126079



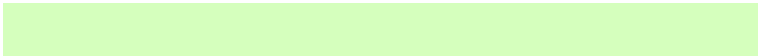
16732337

Sweetspot

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



5949467



14024637



13142299



6717528



0



8421504

Same Dimension

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



5949467



6160128



1820722



6120282



3908352



861184

Inverse Universe

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



8985544



10617087



13114289



6314595



6815907



1507364

Previews

White Background



This preview shows how the Decimal color 5949467 looks on a white background.

Color Contrast Check

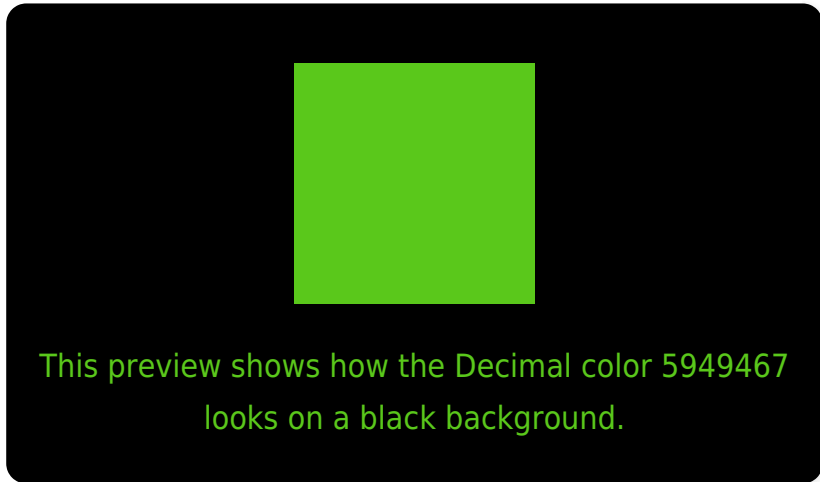
Large Text (above 18pt) WCAG AA × Fail

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 5949467 Background



This preview shows how black text looks on a background with the Decimal color 5949467.



This preview shows how white text looks on a background with the Decimal color 5949467.

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
5949467

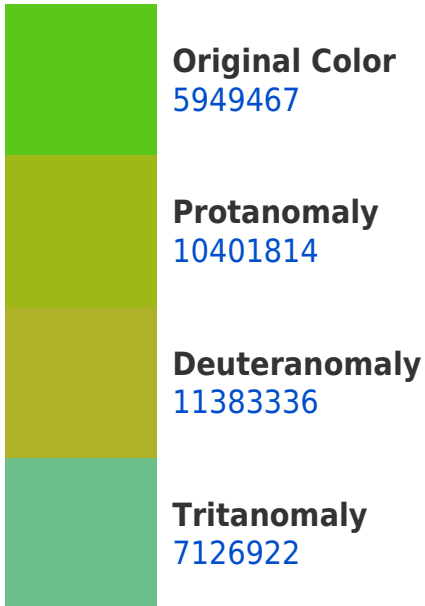
Protanopia
12955411

Deuteranopia
14460464

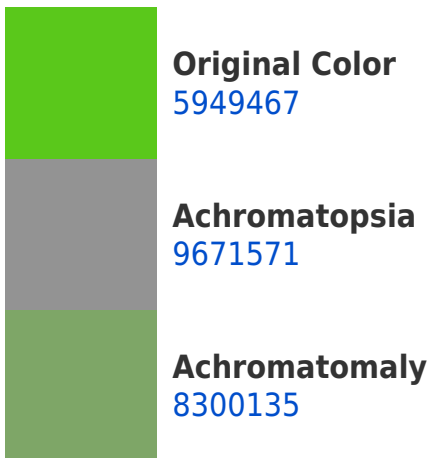


Tritanopia
7846601

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5949467 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 #5AC81B looks like.

```
.text, #text, p{  
  color:#5AC81B  
}
```

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 #5AC81B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC81B
}
```

Border

The CSS property to change the border of an element to Decimal 5949467 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
#5AC81B }
```

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

```
.border{ border-color:#5AC81B }
```

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

Here you see how a box with a 4 pixel #5AC81B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC81B; -webkit-box-shadow:4px 4px  
4px 4px #5AC81B; box-shadow:4px 4px 4px  
4px #5AC81B }
```

Background

The CSS property to change the background color of an element to Decimal 5949467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC81B }
```

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

```
.background{ background-color:#5AC81B }
```

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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