

Converting Colors

Decimal(5949031)

Have a look what the booklet for
Decimal(5949031) contains.

Decimal(5949031)	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(5949031)

Conversions

Conversions Part 1

Format	Color
Hex	5AC667
RGB	90, 198, 103
RGB Percent	35%, 78%, 40%
CMY	0.6471, 0.2235, 0.5961
CMYK	0.55, 0.00, 0.48, 0.22
HSL	127°, 49%, 56%
HSV	127°, 55%, 78%
XYZ	26.8587, 43.5411, 19.8206
YIQ	154.8780, -33.8730, -52.4410

Conversions

Conversions Part 2

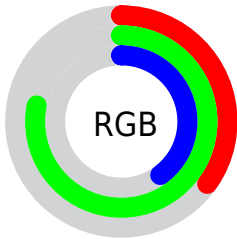
Format	Color
RYB	90, 186, 198
Decimal	5949031
CIELab	71.92, -50.86, 38.24
CIELCh	72, 63.631, 143.062
Yxy	43.5411, 0.2977, 0.4826
Android (android.graphics.Color)	4284139111 (0xFF5AC667)
YUV	154.8780, -25.5759, -56.8980
Hunter-Lab	65.9857, -42.8186, 28.3806

Details

The Decimal color **5949031** 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 **12999353**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9764764**, and **1347381** is the 20% darker color. If you saturate the color by 10%, you get **4638294**, and if you desaturate by 10%, it is **7259768**.

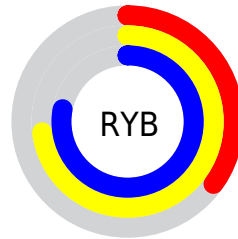
Distribution



Red (35%)

Green (78%)

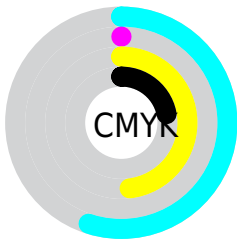
Blue (40%)



Red (35%)

Yellow (73%)

Blue (78%)

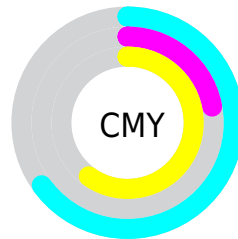


Cyan (55%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5949031 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 5949031 by changing the saturation by 10% instead.

 5949031

 5949031

16777215

 3910222

 9764764

 1347381

 11665335

 29980

 13565907

 23296

 15532016

 16896

 11520

 3328

 0

 5949031

 5949031

■ 4638294

■ 7259768

■ 3327556

■ 8570506

■ 2082355

■ 9815707

■ 771617

■ 11126445

■ 50712

■ 12437182

■ 13747920

■ 15058657

■ 16303858

■ 16762623

Harmonies

Analogous

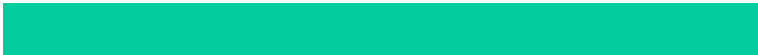
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10795836



5949031



52384

Triad

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



5949031



48127



16744326

Complementary

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



5949031



12999353

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.



16743616



5949031



10135295

Square

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



5949031



51199



15372023



16749140

Rectangle

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



5949031



52681



15372023



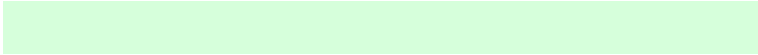
16743321

Sweetspot

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



5949031



14090203



12174938



6783082



0



8421504

Same Dimension

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



5949031



5898093



5949085



5923675



41748



9220

Inverse Universe

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



12999353



16734699



12999299



6511202



10682512



2359327

Previews

White Background



This preview shows how the Decimal color 5949031 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 5949031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

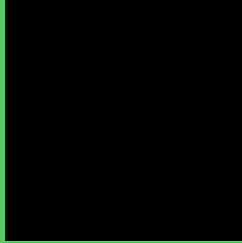
Any Text WCAG AA ✓ Pass

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 5949031 Background



This preview shows how black text looks on a background with the Decimal color 5949031.

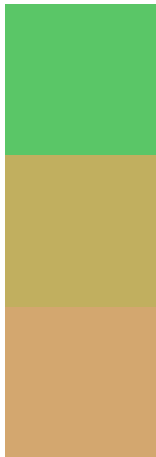


This preview shows how white text looks on a background with the Decimal color 5949031.

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
5949031

Protanopia
12693343

Deuteranopia
13870959



Tritanopia
7519178

Trichromacy



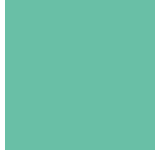
Original Color
5949031



Protanomaly
10270562



Deuteranomaly
10990188



Tritanomaly
6930342

Monochromacy



Original Color
5949031



Achromatopsia
10197915



Achromatomaly
8629128

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5949031 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 #5AC667 looks like.

```
.text, #text, p{  
    color:#5AC667  
}
```

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 #5AC667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC667
}
```

Border

The CSS property to change the border of an element to Decimal 5949031 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
#5AC667 }
```

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

```
.border{ border-color:#5AC667 }
```

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

Here you see how a box with a 4 pixel #5AC667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC667; -webkit-box-shadow:4px 4px  
4px 4px #5AC667; box-shadow:4px 4px 4px  
4px #5AC667 }
```

Background

The CSS property to change the background color of an element to Decimal 5949031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC667 }
```

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

```
.background{ background-color:#5AC667 }
```

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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