

Converting Colors

Decimal(5951813)

Have a look what the booklet for
Decimal(5951813) contains.

Decimal(5951813)	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(5951813)

Conversions

Conversions Part 1

Format	Color
Hex	5AD145
RGB	90, 209, 69
RGB Percent	35%, 82%, 27%
CMY	0.6471, 0.1804, 0.7294
CMYK	0.57, 0.00, 0.67, 0.18
HSL	111°, 60%, 55%
HSV	111°, 67%, 82%
XYZ	28.0911, 48.2043, 13.4540
YIQ	157.4590, -25.9840, -68.7680

Conversions

Conversions Part 2

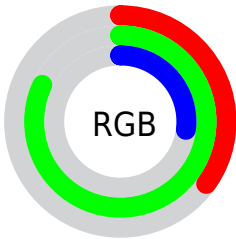
Format	Color
RYB	69, 209, 188
Decimal	5951813
CIELab	74.95, -58.99, 57.20
CIELCh	75, 82.168, 135.881
Yxy	48.2043, 0.3130, 0.5371
Android (android.graphics.Color)	4284141893 (0xFF5AD145)
YUV	157.4590, -43.6103, -59.1615
Hunter-Lab	69.4293, -49.2801, 37.1113

Details

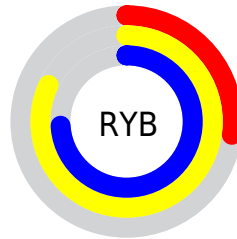
The Decimal color **5951813** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **12338641**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9895803**, and **39168** is the 20% darker color. If you saturate the color by 10%, you get **4772144**, and if you desaturate by 10%, it is **7131482**.

Distribution



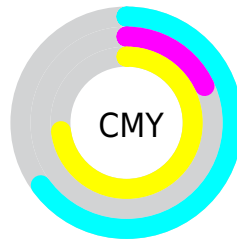
- Red (35%)
- Green (82%)
- Blue (27%)



- Red (27%)
- Yellow (82%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5951813 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 5951813 by changing the saturation by 10% instead.

■ 5951813

■ 5951813

16777215

■ 3781928

■ 9895803

■ 39168

■ 11861911

■ 32512

■ 13828019

■ 25600

■ 15794127

■ 19200

■ 16777196

■ 13312

■ 6656

■ 0

■ 5951813

■ 5951813

■ 4772144

■ 7131482

■ 3592475

■ 8311151

■ 2478342

■ 9425284

■ 2085120

■ 10604953

■ 11784622

■ 12964290

■ 14078423

■ 15258092

■ 16437759

Harmonies

Analogous

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



12042496



5951813



55697

Triad

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



5951813



52223



16739220

Complementary

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



5951813



12338641

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.



16740576



5951813



6534143

Square

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



5951813



55551



15634943



16746317

Rectangle

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



5951813



56262



15634943



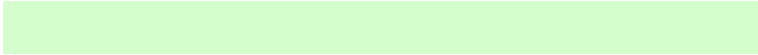
16738477

Sweetspot

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



5951813



13959116



13745221



6652001



0



8421504

Same Dimension

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



5951813



5439283



4575606



6318430



1681408



403712

Inverse Universe

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



12338641



14693375



13714848



6774377



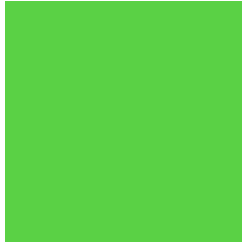
9371816



2293801

Previews

White Background



This preview shows how the Decimal color 5951813 looks on a white background.

Color Contrast Check

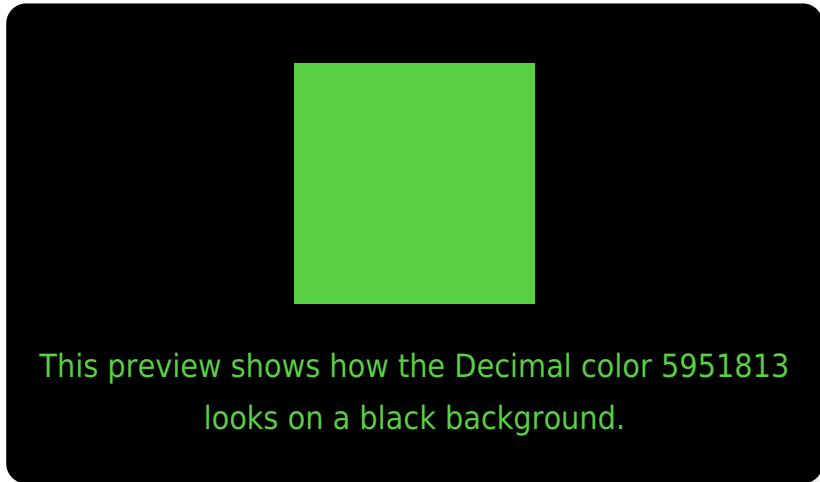
Large Text (above 18pt) WCAG AA × Fail

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

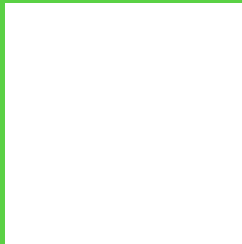
Any Text WCAG AAA ✓ Pass

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

Decimal 5951813 Background



This preview shows how black text looks on a background with the Decimal color 5951813.

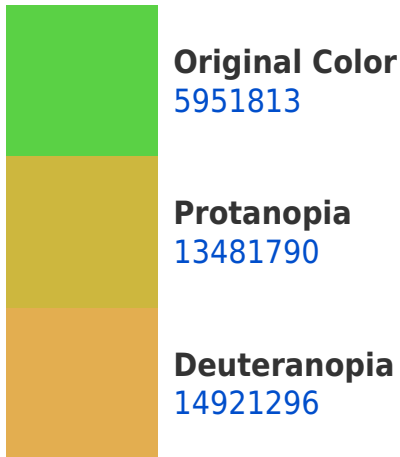


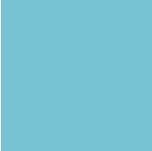
This preview shows how white text looks on a background with the Decimal color 5951813.

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
7914451

Trichromacy



Original Color
5951813



Protanomaly
10731585



Deuteranomaly
11647820



Tritanomaly
7194783

Monochromacy



Original Color
5951813



Achromatopsia
10329501



Achromatomaly
8761469

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5951813 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 #5AD145 looks like.

```
.text, #text, p{  
    color:#5AD145  
}
```

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 #5AD145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD145
}
```

Border

The CSS property to change the border of an element to Decimal 5951813 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
#5AD145 }
```

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

```
.border{ border-color:#5AD145 }
```

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

Here you see how a box with a 4 pixel #5AD145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD145; -webkit-box-shadow:4px 4px  
4px 4px #5AD145; box-shadow:4px 4px 4px  
4px #5AD145 }
```

Background

The CSS property to change the background color of an element to Decimal 5951813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD145 }
```

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

```
.background{ background-color:#5AD145 }
```

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