

Converting Colors

Decimal(52227)

Have a look what the booklet for
Decimal(52227) contains.

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Color

Decimal(52227)

Conversions

Conversions Part 1

Format	Color
Hex	00CC03
RGB	0, 204, 3
RGB Percent	0%, 80%, 1%
CMY	1.0000, 0.2000, 0.9882
CMYK	1.00, 0.00, 0.99, 0.20
HSL	121°, 100%, 40%
HSV	121°, 100%, 80%
XYZ	21.6093, 43.1923, 7.2842
YIQ	120.0900, -57.0630, -105.7590

Conversions

Conversions Part 2

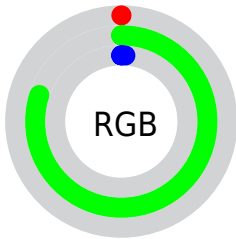
Format	Color
RYB	0, 201, 204
Decimal	52227
CIELab	71.69, -72.79, 69.99
CIELCh	72, 100.979, 136.122
Yxy	43.1923, 0.2998, 0.5992
Android (android.graphics.Color)	4278242307 (0xFF00CC03)
YUV	120.0900, -57.7254, -105.3189
Hunter-Lab	65.7209, -56.3199, 39.4332

Details

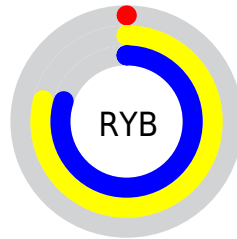
The Decimal color **52227** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13369545**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **6946642**, and **37888** is the 20% darker color. If you saturate the color by 10%, you get **52227**, and if you desaturate by 10%, it is **1362967**.

Distribution



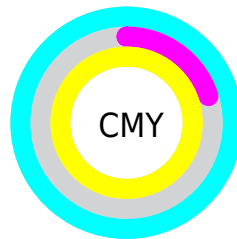
- Red (0%)
- Green (80%)
- Blue (1%)



- Red (0%)
- Yellow (79%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52227 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 52227 by changing the saturation by 10% instead.

 52227	 52227
16777215	 45056
 6946642	 37888
 9174895	 30976
 11206540	 24064
 13303720	 17664
 15335365	 11264
 16777187	 2816
	 0

 52227

■ 1362967

■ 2739243

■ 4049983

■ 5426259

■ 6737000

■ 8047740

■ 9424016

■ 10734756

■ 12111032

Harmonies

Analogous

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



10926848



52227



54400

Triad

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



52227



51199



16724611

Complementary

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



52227



13369545

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.



16727518



52227



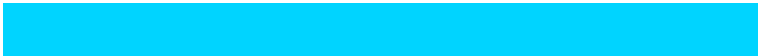
43775

Square

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



52227



54527



15629311



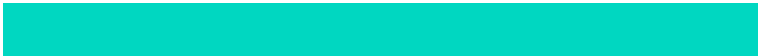
16739366

Rectangle

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



52227



55233



15629311



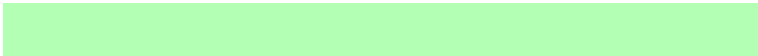
16721569

Sweetspot

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



52227



11796404



13421568



5406802



0



8421504

Same Dimension

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



52227



65284



52326



605516



42498



9729

Inverse Universe

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



13369545



16711931



13369446



6708326



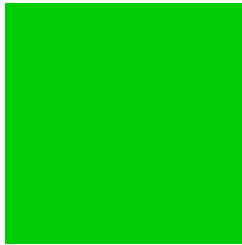
10879139



2490406

Previews

White Background



This preview shows how the Decimal color 52227 looks on a white background.

Color Contrast Check

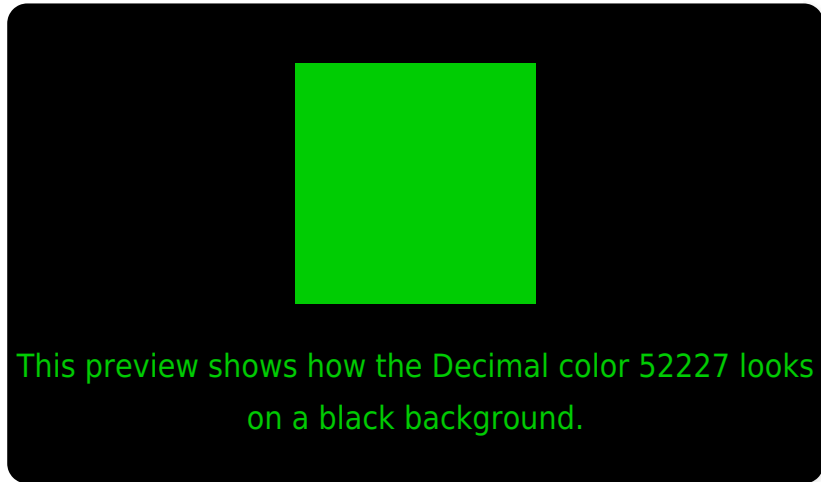
Large Text (above 18pt) WCAG AA × Fail

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

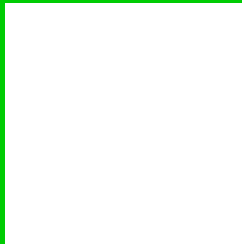
Any Text WCAG AAA ✓ Pass

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

Decimal 52227 Background



This preview shows how black text looks on a background with the Decimal color 52227.

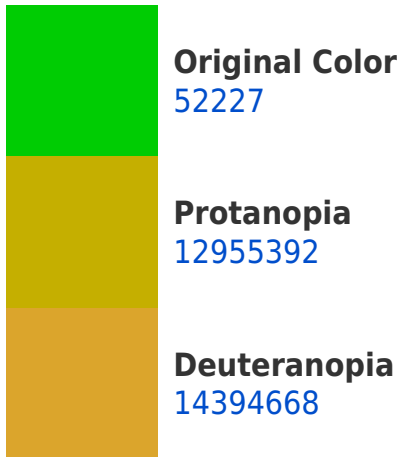


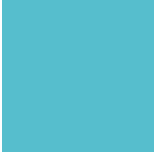
This preview shows how white text looks on a background with the Decimal color 52227.

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](#).

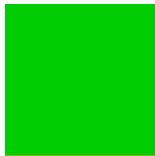
Dichromacy





Tritanopia
5684941

Trichromacy



Original Color

52227



Protanomaly

8239617



Deuteranomaly

9155357



Tritanomaly

3654532

Monochromacy



Original Color

52227



Achromatopsia

7895160



Achromatomaly

5019469

CSS Examples

Text

The CSS property to change the color of the text to Decimal 52227 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 #00CC03 looks like.

```
.text, #text, p{  
    color:#00CC03  
}
```

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 #00CC03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC03
}
```

Border

The CSS property to change the border of an element to Decimal 52227 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
#00CC03 }
```

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

```
.border{ border-color:#00CC03 }
```

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

Here you see how a box with a 4 pixel #00CC03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC03; -webkit-box-shadow:4px 4px  
4px 4px #00CC03; box-shadow:4px 4px 4px  
4px #00CC03 }
```

Background

The CSS property to change the background color of an element to Decimal 52227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC03 }
```

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

```
.background{ background-color:#00CC03 }
```

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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