

Converting Colors

Decimal(52231)

Have a look what the booklet for
Decimal(52231) contains.

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Color

Decimal(52231)

Conversions

Conversions Part 1

Format	Color
Hex	00CC07
RGB	0, 204, 7
RGB Percent	0%, 80%, 3%
CMY	1.0000, 0.2000, 0.9725
CMYK	1.00, 0.00, 0.97, 0.20
HSL	122°, 100%, 40%
HSV	122°, 100%, 80%
XYZ	21.6312, 43.2011, 7.3996
YIQ	120.5460, -58.3470, -104.5150

Conversions

Conversions Part 2

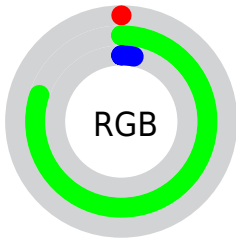
Format	Color
RYB	0, 197, 204
Decimal	52231
CIELab	71.69, -72.71, 69.58
CIELCh	72, 100.635, 136.262
Yxy	43.2011, 0.2995, 0.5981
Android (android.graphics.Color)	4278242311 (0xFF00CC07)
YUV	120.5460, -55.9782, -105.7188
Hunter-Lab	65.7275, -56.2780, 39.3344

Details

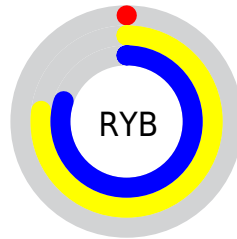
The Decimal color **52231** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13369541**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **6946643**, and **37888** is the 20% darker color. If you saturate the color by 10%, you get **52231**, and if you desaturate by 10%, it is **1362971**.

Distribution



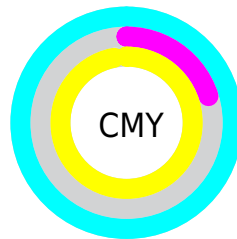
- Red (0%)
- Green (80%)
- Blue (3%)



- Red (0%)
- Yellow (77%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (20%)




















- Cyan (100%)
- Magenta (20%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52231 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 52231 by changing the saturation by 10% instead.

 52231	 52231
 16777215	 45056
 6946643	 37888
 9109360	 30976
 11206541	 24064
 13303721	 17664
 15335366	 11264
 16777188	 3072
	 0

 52231

 1362971

 2739246

 4049986

 5426262

 6737002

 8047741

 9424017

 10734757

 12111032

Harmonies

Analogous

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



10926848



52231



54401

Triad

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



52231



51199



16724866

Complementary

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



52231



13369541

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.



16727774



52231



43775

Square

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



52231



54527



15694847



16739622

Rectangle

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



52231



55233



15694847



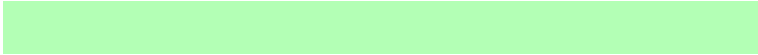
16722081

Sweetspot

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



52231



11796405



12962816



5406803



0



8421504

Same Dimension

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



52231



65289



52333



605516



42502



9729

Inverse Universe

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



13369541



16711926



13369439



6708326



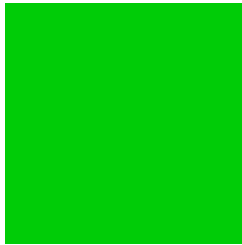
10879136



2490405

Previews

White Background



This preview shows how the Decimal color 52231 looks on a white background.

Color Contrast Check

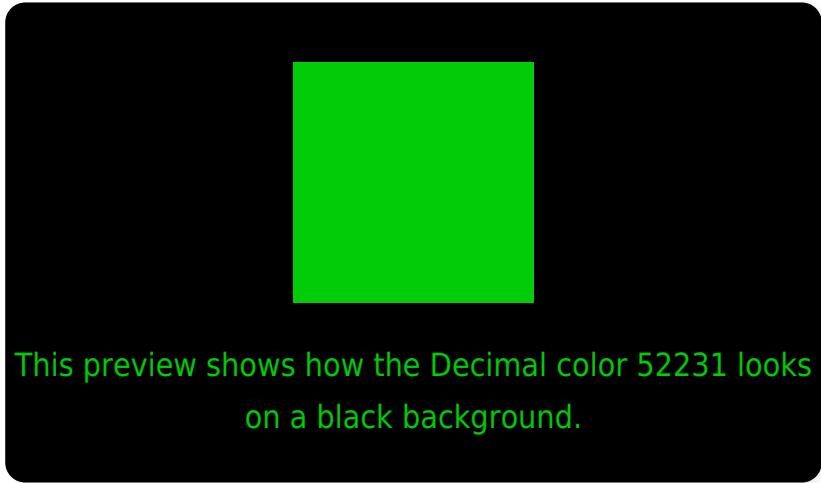
Large Text (above 18pt) WCAG AA × Fail

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 52231 Background



This preview shows how black text looks on a background with the Decimal color 52231.



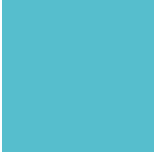
This preview shows how white text looks on a background with the Decimal color 52231.

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](#).

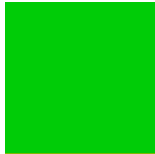
Dichromacy





Tritanopia
5684941

Trichromacy



Original Color

52231



Protanomaly

8239619



Deuteranomaly

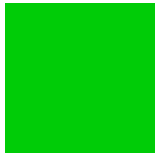
9155359



Tritanomaly

3654533

Monochromacy



Original Color

52231



Achromatopsia

7960953



Achromatomaly

5085008

CSS Examples

Text

The CSS property to change the color of the text to Decimal 52231 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 #00CC07 looks like.

```
.text, #text, p{  
    color:#00CC07  
}
```

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 #00CC07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC07
}
```

Border

The CSS property to change the border of an element to Decimal 52231 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
#00CC07 }
```

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

```
.border{ border-color:#00CC07 }
```

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

Here you see how a box with a 4 pixel #00CC07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC07; -webkit-box-shadow:4px 4px  
4px 4px #00CC07; box-shadow:4px 4px 4px  
4px #00CC07 }
```

Background

The CSS property to change the background color of an element to Decimal 52231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC07 }
```

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

```
.background{ background-color:#00CC07 }
```

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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