

Converting Colors

Decimal(51203)

Have a look what the booklet for
Decimal(51203) contains.

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Color

Decimal(51203)

Conversions

Conversions Part 1

Format	Color
Hex	00C803
RGB	0, 200, 3
RGB Percent	0%, 78%, 1%
CMY	1.0000, 0.2157, 0.9882
CMYK	1.00, 0.00, 0.99, 0.22
HSL	121°, 100%, 39%
HSV	121°, 100%, 78%
XYZ	20.6707, 41.3151, 6.9713
YIQ	117.7420, -55.9630, -103.6670

Conversions

Conversions Part 2

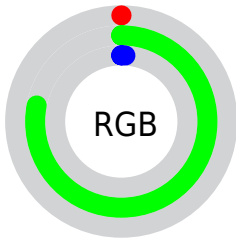
Format	Color
RYB	0, 197, 200
Decimal	51203
CIELab	70.40, -71.71, 68.95
CIELCh	70, 99.482, 136.126
Yxy	41.3151, 0.2998, 0.5991
Android (android.graphics.Color)	4278241283 (0xFF00C803)
YUV	117.7420, -56.5678, -103.2597
Hunter-Lab	64.2768, -55.0809, 38.5633

Details

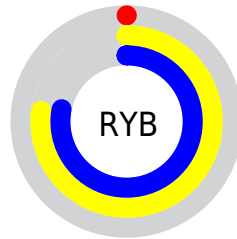
The Decimal color **51203** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13107397**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **6881105**, and **36864** is the 20% darker color. If you saturate the color by 10%, you get **51203**, and if you desaturate by 10%, it is **1361943**.

Distribution



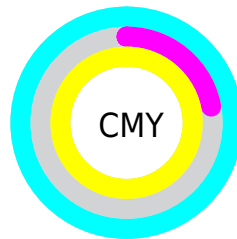
- Red (0%)
- Green (78%)
- Blue (1%)



- Red (0%)
- Yellow (77%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (22%)
















- Cyan (100%)
- Magenta (22%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51203 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 51203 by changing the saturation by 10% instead.

 51203	 51203
 16777215	 44032
 6881105	 36864
 9043822	 29952
 11141003	 23296
 13172647	 16896
 15204292	 10496
 16777185	 768
	 0

 51203

 1361943

 2672682

 3983422

 5294162

 6604902

 7915641

 9226381

 10537121

 11847860

Harmonies

Analogous

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



10729216



51203



53373

Triad

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



51203



50175



16724096

Complementary

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



51203



13107397

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.



16727002



51203



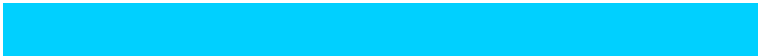
43007

Square

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



51203



53503



15366399



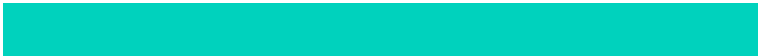
16738853

Rectangle

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



51203



53949



15366399



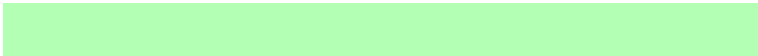
16721310

Sweetspot

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



51203



11796404



13158400



5406802



0



8421504

Same Dimension

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



51203



65284



51300



5923674



41730



9217

Inverse Universe

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



13107397



16711931



13107300



6511203



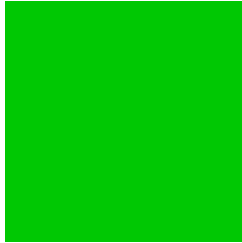
10682529



2359331

Previews

White Background



This preview shows how the Decimal color 51203 looks on a white background.

Color Contrast Check

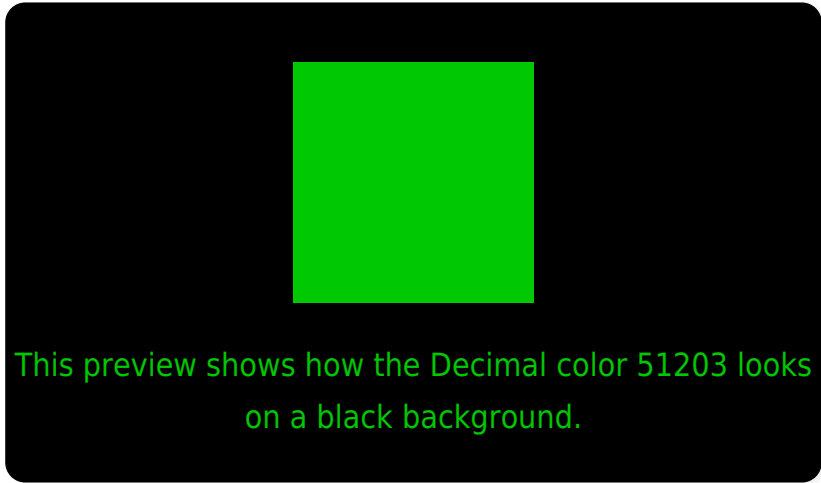
Large Text (above 18pt) WCAG AA × Fail

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

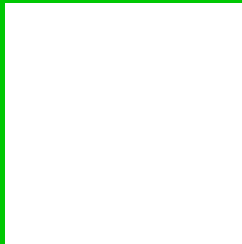
Any Text WCAG AAA ✓ Pass

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

Decimal 51203 Background



This preview shows how black text looks on a background with the Decimal color 51203.

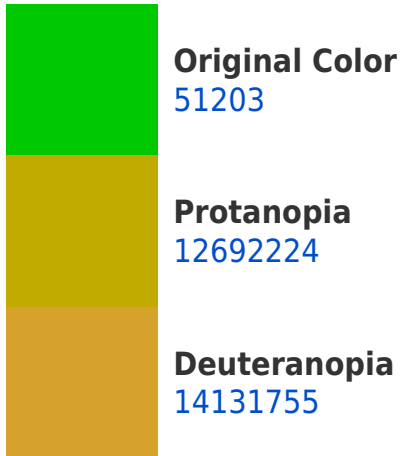


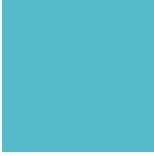
This preview shows how white text looks on a background with the Decimal color 51203.

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](#).

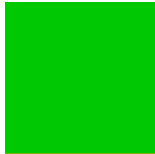
Dichromacy





Tritanopia
5552841

Trichromacy



Original Color

51203



Protanomaly

8107521



Deuteranomaly

9023516



Tritanomaly

3522433

Monochromacy



Original Color

51203



Achromatopsia

7763574



Achromatomaly

4953164

CSS Examples

Text

The CSS property to change the color of the text to Decimal 51203 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 #00C803 looks like.

```
.text, #text, p{  
    color:#00C803  
}
```

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 #00C803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C803
}
```

Border

The CSS property to change the border of an element to Decimal 51203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

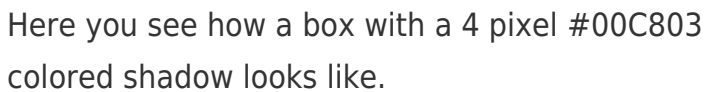
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00C803 }
```

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

```
.border{ border-color:#00C803 }
```

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



Here you see how a box with a 4 pixel #00C803 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C803; -webkit-box-shadow:4px 4px  
4px 4px #00C803; box-shadow:4px 4px 4px  
4px #00C803 }
```

Background

The CSS property to change the background color of an element to Decimal 51203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C803 }
```

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

```
.background{ background-color:#00C803 }
```

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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