

Converting Colors

Decimal(52009)

Have a look what the booklet for
Decimal(52009) contains.

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Color

Decimal(52009)

Conversions

Conversions Part 1

Format	Color
Hex	00CB29
RGB	0, 203, 41
RGB Percent	0%, 80%, 16%
CMY	1.0000, 0.2039, 0.8392
CMYK	1.00, 0.00, 0.80, 0.20
HSL	132°, 100%, 40%
HSV	132°, 100%, 80%
XYZ	21.7562, 42.8720, 9.2263
YIQ	123.8350, -68.9860, -93.4180

Conversions

Conversions Part 2

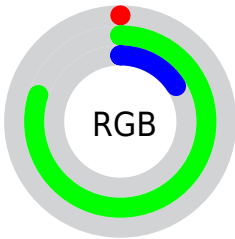
Format	Color
RYB	0, 169, 203
Decimal	52009
CIELab	71.47, -71.16, 62.96
CIELCh	71, 95.016, 138.498
Yxy	42.8720, 0.2946, 0.5805
Android (android.graphics.Color)	4278242089 (0xFF00CB29)
YUV	123.8350, -40.8377, -108.6033
Hunter-Lab	65.4767, -55.2734, 37.4792

Details

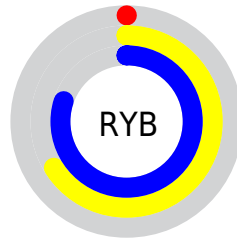
The Decimal color **52009** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **13303970**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **6881124**, and **37632** is the 20% darker color. If you saturate the color by 10%, you get **52009**, and if you desaturate by 10%, it is **1362745**.

Distribution



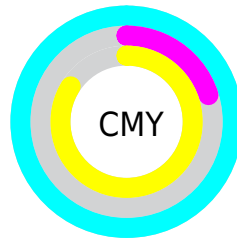
- Red (0%)
- Green (80%)
- Blue (16%)



- Red (0%)
- Yellow (66%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (20%)








- Cyan (100%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52009 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 52009 by changing the saturation by 10% instead.

 52009	 52009
 16777215	 44800
 6881124	 37632
 9043840	 30720
 11141020	 24064
 13172664	 17408
 15204309	 11264
 16777202	 2560
	 0

 52009

 1362745

 2739017

 4049754

 5360490

 6736762

 8047498

 9358234

 10668971

 12045243

Harmonies

Analogous

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



10599168



52009



54153

Triad

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



52009



50175



16729982

Complementary

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



52009



13303970

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.



16730580



52009



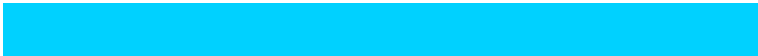
4433919

Square

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



52009



53759



15956735



16741928

Rectangle

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



52009



54726



15956735



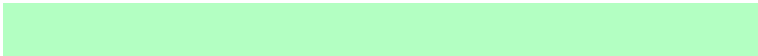
16727706

Sweetspot

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



52009



11796418



10668800



5406811



0



8421504

Same Dimension

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



52009



65332



52110



6055518



42529



9736

Inverse Universe

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



13303970



16711883



13303869



6708324



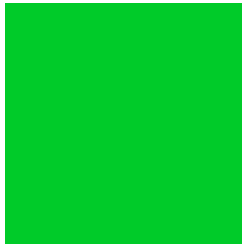
10879108



2490399

Previews

White Background



This preview shows how the Decimal color 52009 looks on a white background.

Color Contrast Check

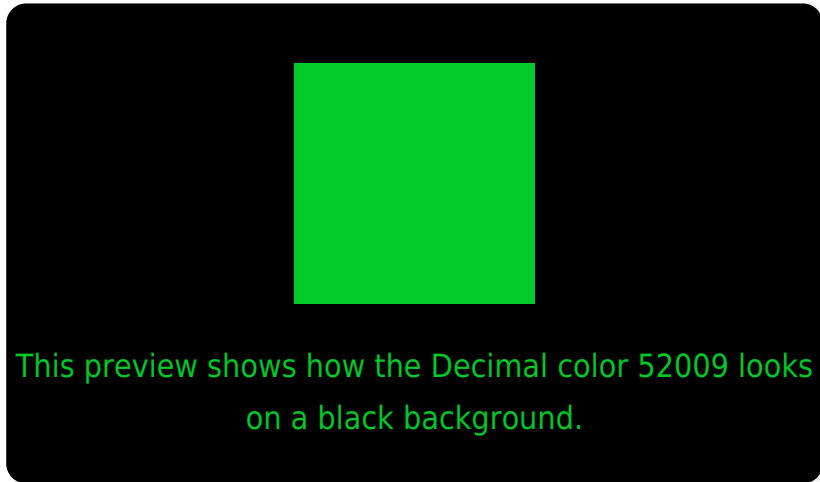
Large Text (above 18pt) WCAG AA × Fail

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

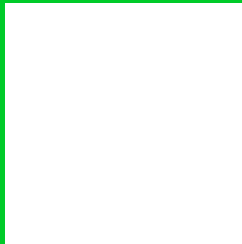
Any Text WCAG AAA ✓ Pass

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

Decimal 52009 Background



This preview shows how black text looks on a background with the Decimal color 52009.

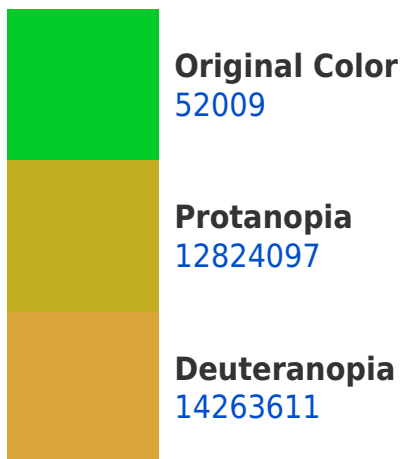


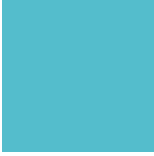
This preview shows how white text looks on a background with the Decimal color 52009.

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
5553612

Trichromacy



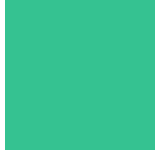
Original Color
52009



Protanomaly
8173860



Deuteranomaly
9089844



Tritanomaly
3523217

Monochromacy



Original Color
52009



Achromatopsia
8158332



Achromatomaly
5216606

CSS Examples

Text

The CSS property to change the color of the text to Decimal 52009 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 #00CB29 looks like.

```
.text, #text, p{  
    color:#00CB29  
}
```

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 #00CB29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CB29
}
```

Border

The CSS property to change the border of an element to Decimal 52009 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
#00CB29 }
```

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

```
.border{ border-color:#00CB29 }
```

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

Here you see how a box with a 4 pixel #00CB29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CB29; -webkit-box-shadow:4px 4px  
4px 4px #00CB29; box-shadow:4px 4px 4px  
4px #00CB29 }
```

Background

The CSS property to change the background color of an element to Decimal 52009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CB29 }
```

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

```
.background{ background-color:#00CB29 }
```

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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