

Converting Colors

Decimal(51526)

Have a look what the booklet for
Decimal(51526) contains.

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Color

Decimal(51526)

Conversions

Conversions Part 1

Format	Color
Hex	00C946
RGB	0, 201, 70
RGB Percent	0%, 79%, 27%
CMY	1.0000, 0.2118, 0.7255
CMYK	1.00, 0.00, 0.65, 0.21
HSL	141°, 100%, 39%
HSV	141°, 100%, 79%
XYZ	21.9921, 42.2155, 12.7837
YIQ	125.9670, -77.7450, -83.3530

Conversions

Conversions Part 2

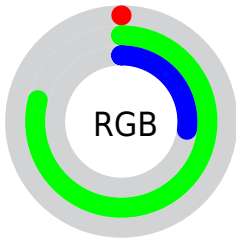
Format	Color
RYB	0, 149, 201
Decimal	51526
CIELab	71.02, -68.12, 52.10
CIELCh	71, 85.764, 142.592
Yxy	42.2155, 0.2856, 0.5483
Android (android.graphics.Color)	4278241606 (0xFF00C946)
YUV	125.9670, -27.5917, -110.4731
Hunter-Lab	64.9734, -53.2851, 33.8160

Details

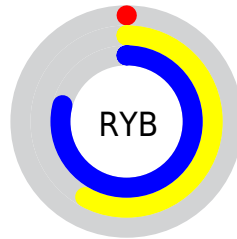
The Decimal color **51526** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **13172867**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6750075**, and **37126** is the 20% darker color. If you saturate the color by 10%, you get **51526**, and if you desaturate by 10%, it is **1362259**.

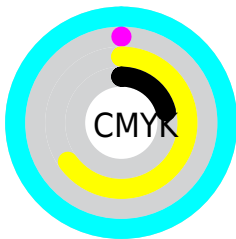
Distribution



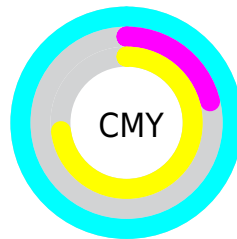
- Red (0%)
- Green (79%)
- Blue (27%)



- Red (0%)
- Yellow (58%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51526 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 51526 by changing the saturation by 10% instead.

 51526	 51526
 16777215	 44331
 6750075	 37126
 8912791	 30208
 10944434	 23552
 12976079	 17152
 15007724	 11008
	 1792
	 0

 51526

 1362259

 2672992

 3983725

 5294458

 6670728

 7981461

 9292194

 10602927

 11913660

Harmonies

Analogous

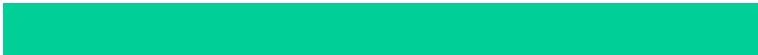
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10009344



51526



53143

Triad

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



51526



48639



16735607

Complementary

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



51526



13172867

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.



16734405



51526



8299263

Square

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



51526



52479



16284671



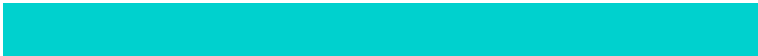
16744749

Rectangle

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



51526



53710



16284671



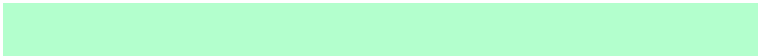
16733840

Sweetspot

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



51526



11796429



8833280



5406818



0



8421504

Same Dimension

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



51526



65369



51623



5923677



41785



9228

Inverse Universe

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



13172867



16711846



13172770



6511200



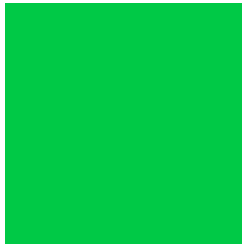
10682474



2359319

Previews

White Background



This preview shows how the Decimal color 51526 looks on a white background.

Color Contrast Check

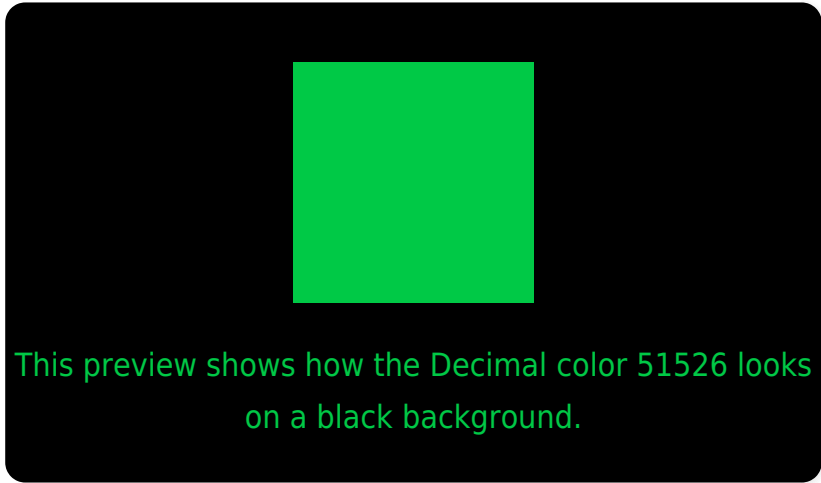
Large Text (above 18pt) WCAG AA × Fail

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 51526 Background



This preview shows how black text looks on a background with the Decimal color 51526.

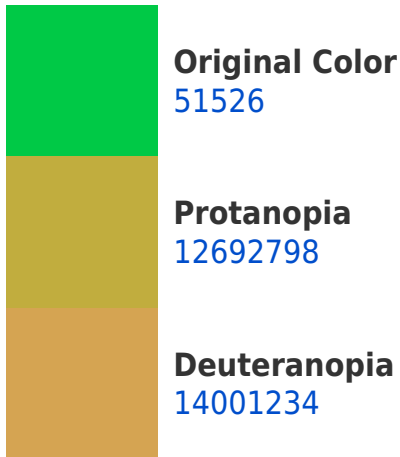


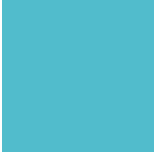
This preview shows how white text looks on a background with the Decimal color 51526.

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](#).

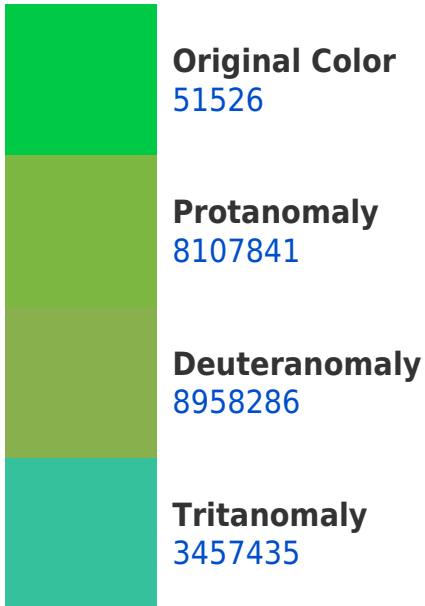
Dichromacy



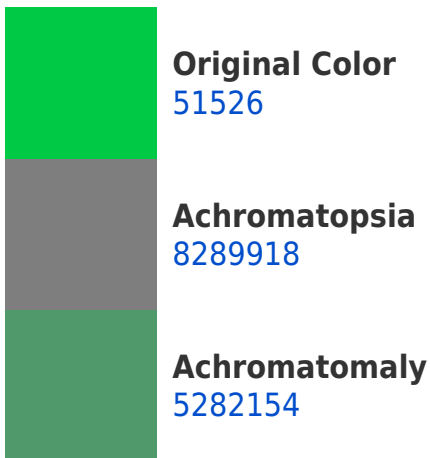


Tritanopia
5356747

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 51526 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 #00C946 looks like.

```
.text, #text, p{  
    color:#00C946  
}
```

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 #00C946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C946
}
```

Border

The CSS property to change the border of an element to Decimal 51526 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
#00C946 }
```

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

```
.border{ border-color:#00C946 }
```

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

Here you see how a box with a 4 pixel #00C946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C946; -webkit-box-shadow:4px 4px  
4px 4px #00C946; box-shadow:4px 4px 4px  
4px #00C946 }
```

Background

The CSS property to change the background color of an element to Decimal 51526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C946 }
```

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

```
.background{ background-color:#00C946 }
```

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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