

Converting Colors

Decimal(51551)

Have a look what the booklet for
Decimal(51551) contains.

Decimal(51551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(51551)

Conversions

Conversions Part 1

Format	Color
Hex	00C95F
RGB	0, 201, 95
RGB Percent	0%, 79%, 37%
CMY	1.0000, 0.2118, 0.6275
CMYK	1.00, 0.00, 0.53, 0.21
HSL	148°, 100%, 39%
HSV	148°, 100%, 79%
XYZ	22.9522, 42.5995, 17.8393
YIQ	128.8170, -85.7700, -75.5780

Conversions

Conversions Part 2

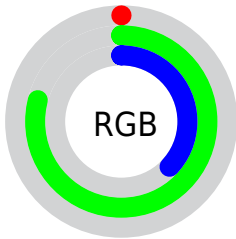
Format	Color
RYB	0, 136, 201
Decimal	51551
CIELab	71.28, -64.86, 41.05
CIELCh	71, 76.754, 147.669
Yxy	42.5995, 0.2752, 0.5108
Android (android.graphics.Color)	4278241631 (0xFF00C95F)
YUV	128.8170, -16.6718, -112.9725
Hunter-Lab	65.2683, -51.4483, 29.4825

Details

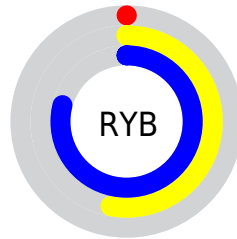
The Decimal color **51551** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **13172842**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **6684564**, and **37164** is the 20% darker color. If you saturate the color by 10%, you get **51551**, and if you desaturate by 10%, it is **1362282**.

Distribution



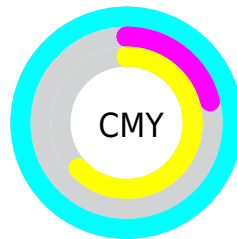
- Red (0%)
- Green (79%)
- Blue (37%)



- Red (0%)
- Yellow (53%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (21%)



















- Cyan (100%)
- Magenta (21%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51551 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 51551 by changing the saturation by 10% instead.

 51551	 51551
 16777215	 44358
 6684564	 37164
 8781743	 30225
 10878923	 23552
 12845031	 17152
 14876671	 11008
	 2304
	 0

 51551

 1362282

 2673012

 3983743

 5294473

 6670740

 7981471

 9292201

 10602932

 11913662

Harmonies

Analogous

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



9485594



51551



52903

Triad

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



51551



47615



16740466

Complementary

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



51551



13172842

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.



16738231



51551



10657535

Square

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



51551



51455



16612858



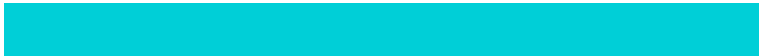
16747828

Rectangle

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



51551



53207



16612858



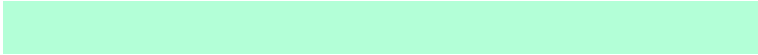
16738696

Sweetspot

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



51551



11796439



7063808



5406823



0



8421504

Same Dimension

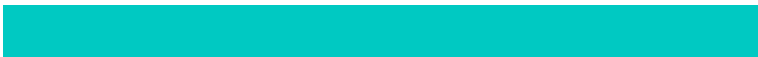
The Same Dimension uses a secret algorithm to generate beautiful new colors.



51551



65401



51650



5923678



41805



9233

Inverse Universe

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



13172842



16711814



13172743



6511199



10682454



2359315

Previews

White Background



This preview shows how the Decimal color 51551 looks on a white background.

Color Contrast Check

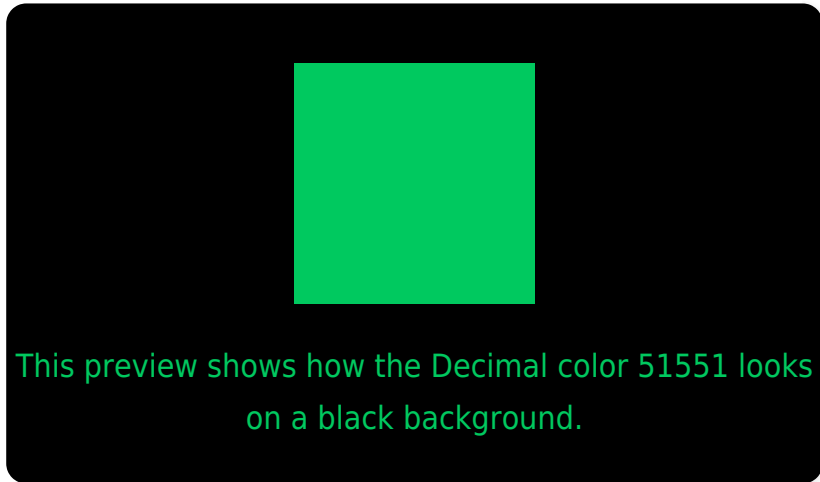
Large Text (above 18pt) WCAG AA × Fail

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

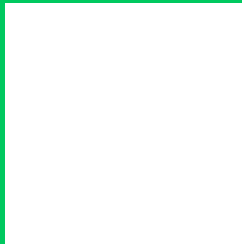
Any Text WCAG AAA ✓ Pass

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

Decimal 51551 Background



This preview shows how black text looks on a background with the Decimal color 51551.

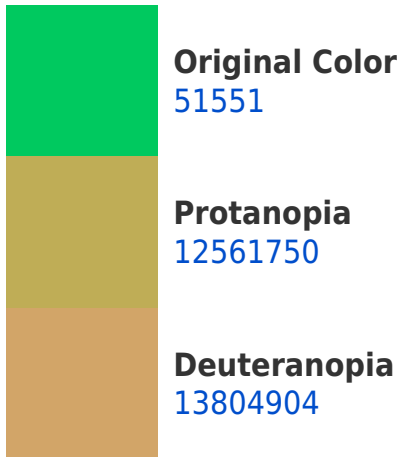


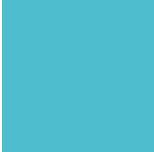
This preview shows how white text looks on a background with the Decimal color 51551.

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



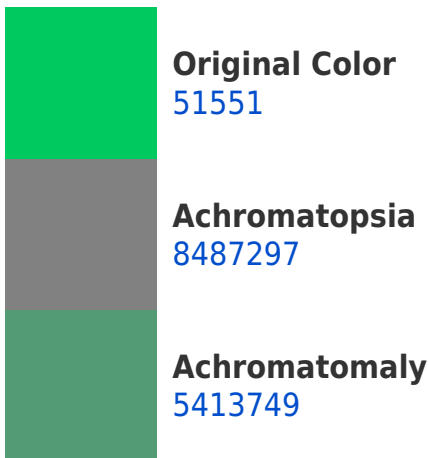


Tritanopia
5160397

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 51551 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 #00C95F looks like.

```
.text, #text, p{  
    color:#00C95F  
}
```

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 #00C95F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C95F
}
```

Border

The CSS property to change the border of an element to Decimal 51551 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
#00C95F }
```

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

```
.border{ border-color:#00C95F }
```

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

Here you see how a box with a 4 pixel #00C95F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C95F; -webkit-box-shadow:4px 4px  
4px 4px #00C95F; box-shadow:4px 4px 4px  
4px #00C95F }
```

Background

The CSS property to change the background color of an element to Decimal 51551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C95F }
```

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

```
.background{ background-color:#00C95F }
```

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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