

Converting Colors

Decimal(55671)

Have a look what the booklet for
Decimal(55671) contains.

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Color

Decimal(55671)

Conversions

Conversions Part 1

Format	Color
Hex	00D977
RGB	0, 217, 119
RGB Percent	0%, 85%, 47%
CMY	1.0000, 0.1490, 0.5333
CMYK	1.00, 0.00, 0.45, 0.15
HSL	153°, 100%, 43%
HSV	153°, 100%, 85%
XYZ	28.1426, 50.9576, 25.8053
YIQ	140.9450, -97.8740, -76.4820

Conversions

Conversions Part 2

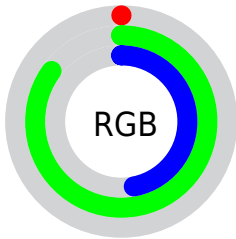
Format	Color
RYB	0, 140, 217
Decimal	55671
CIELab	76.65, -66.11, 35.98
CIELCh	77, 75.267, 151.445
Yxy	50.9576, 0.2683, 0.4857
Android (android.graphics.Color)	4278245751 (0xFF00D977)
YUV	140.9450, -10.8189, -123.6088
Hunter-Lab	71.3846, -54.5513, 28.5361

Details

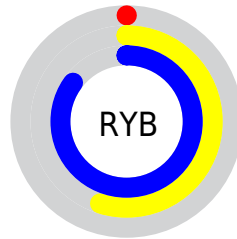
The Decimal color **55671** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14221410**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **6946732**, and **41029** is the 20% darker color. If you saturate the color by 10%, you get **55671**, and if you desaturate by 10%, it is **1497473**.

Distribution



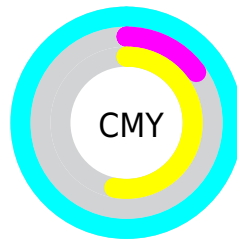
- Red (0%)
- Green (85%)
- Blue (47%)



- Red (0%)
- Yellow (55%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (15%)

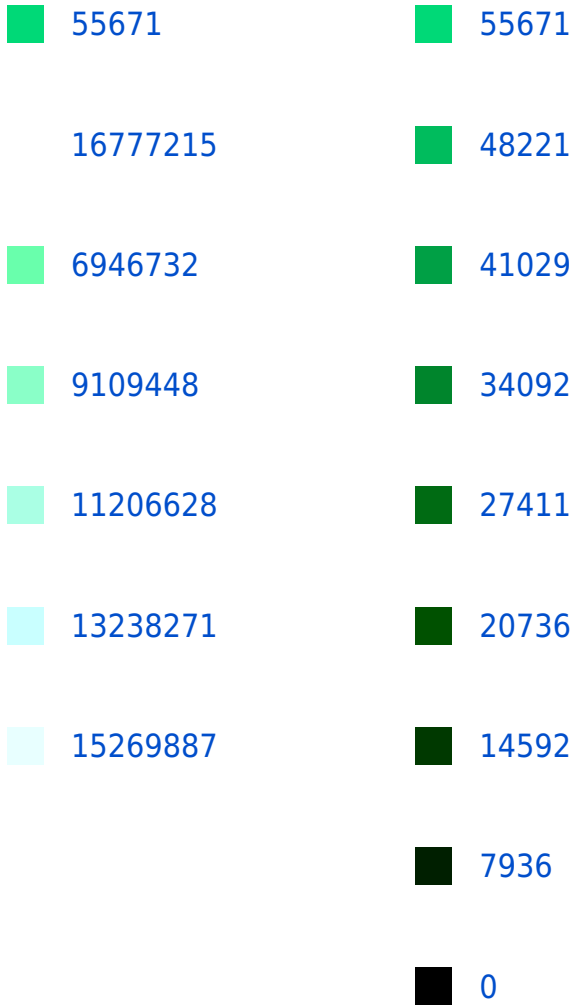


- Cyan (100%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 55671 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 55671 by changing the saturation by 10% instead.




 55671

 1497473

 2873739

 4315540

 5757342

 7199144

 8575410

 10017212

 11459013

 12835279

Harmonies

Analogous

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



9948729



55671



57023

Triad

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



55671



50431



16745593

Complementary

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



55671



14221410

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.



16742845



55671



12691967

Square

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



55671



54783



16747263



16752703

Rectangle

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



55671



57070



16747263



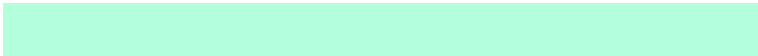
16743822

Sweetspot

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



55671



11796444



6674688



5406827



0



8421504

Same Dimension

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



55671



65420



53977



6516329



44383



11801

Inverse Universe

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



14221410



16711795



14223104



7234408



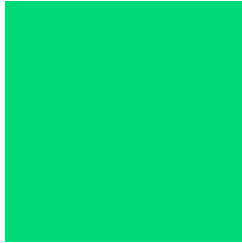
11337806



3014677

Previews

White Background



This preview shows how the Decimal color 55671 looks on a white background.

Color Contrast Check

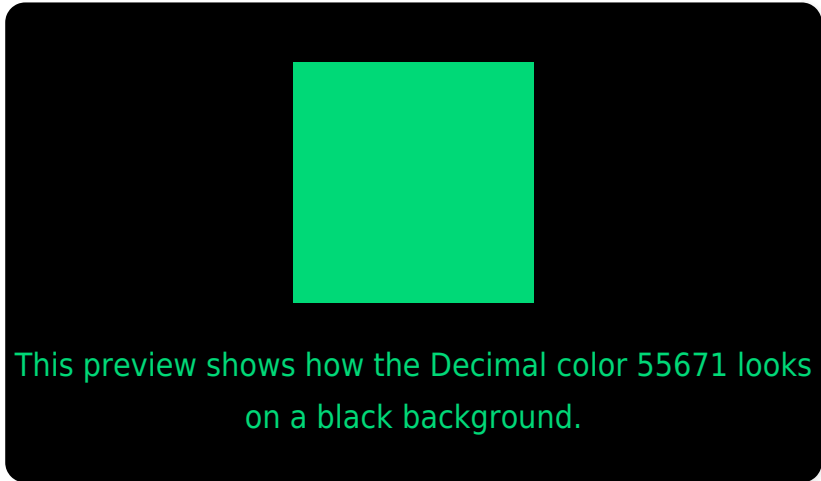
Large Text (above 18pt) WCAG AA × Fail

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 55671 Background



This preview shows how black text looks on a background with the Decimal color 55671.

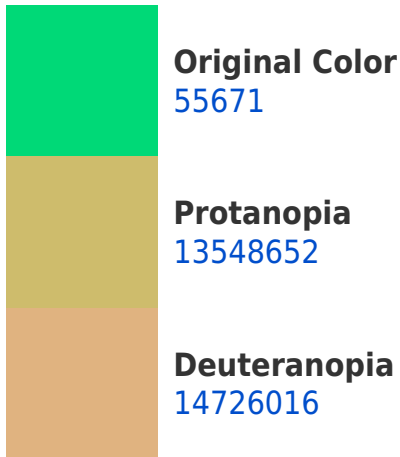


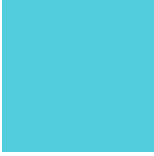
This preview shows how white text looks on a background with the Decimal color 55671.

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
5361118

Trichromacy



Original Color

55671



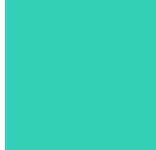
Protanomaly

8636272



Deuteranomaly

9421181



Tritanomaly

3461561

Monochromacy



Original Color

55671



Achromatopsia

9276813



Achromatomaly

5941637

CSS Examples

Text

The CSS property to change the color of the text to Decimal 55671 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 #00D977 looks like.

```
.text, #text, p{  
    color:#00D977  
}
```

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 #00D977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D977
}
```

Border

The CSS property to change the border of an element to Decimal 55671 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
#00D977 }
```

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

```
.border{ border-color:#00D977 }
```

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

Here you see how a box with a 4 pixel #00D977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D977; -webkit-box-shadow:4px 4px  
4px 4px #00D977; box-shadow:4px 4px 4px  
4px #00D977 }
```

Background

The CSS property to change the background color of an element to Decimal 55671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D977 }
```

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

```
.background{ background-color:#00D977 }
```

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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