

Converting Colors

Decimal(55117)

Have a look what the booklet for
Decimal(55117) contains.

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Color

Decimal(55117)

Conversions

Conversions Part 1

Format	Color
Hex	00D74D
RGB	0, 215, 77
RGB Percent	0%, 84%, 30%
CMY	1.0000, 0.1569, 0.6980
CMYK	1.00, 0.00, 0.64, 0.16
HSL	141°, 100%, 42%
HSV	141°, 100%, 84%
XYZ	25.6400, 49.1367, 15.1541
YIQ	134.9830, -83.8420, -88.4980

Conversions

Conversions Part 2

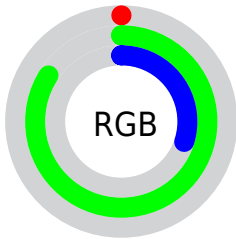
Format	Color
RYB	0, 158, 215
Decimal	55117
CIELab	75.54, -71.48, 54.17
CIElCh	76, 89.693, 142.843
Yxy	49.1367, 0.2851, 0.5464
Android (android.graphics.Color)	4278245197 (0xFF00D74D)
YUV	134.9830, -28.5856, -118.3801
Hunter-Lab	70.0976, -57.3798, 36.2506

Details

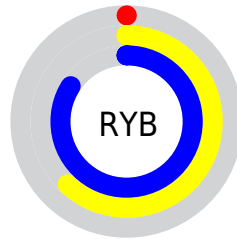
The Decimal color **55117** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **14090378**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **7012227**, and **40464** is the 20% darker color. If you saturate the color by 10%, you get **55117**, and if you desaturate by 10%, it is **1431387**.

Distribution



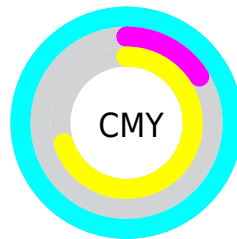
- Red (0%)
- Green (84%)
- Blue (30%)



- Red (0%)
- Yellow (62%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 55117 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 55117 by changing the saturation by 10% instead.



55117



55117

16777215



47665



7012227



40464



9174942



33536



11272122



26624



13303767



19968



15400948



14080



7168



0



55117

 1431387

 2873193

 4314998

 5691268

 7133074

 8509344

 9951150

 11327419

 12769225

Harmonies

Analogous

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



10668288



55117



56995

Triad

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



55117



51967



16737919

Complementary

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



55117



14090378

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.



16736466



55117



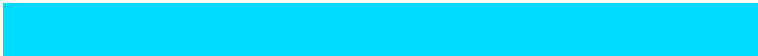
9022975

Square

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



55117



56063



16745727



16747313

Rectangle

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



55117



57309



16745727



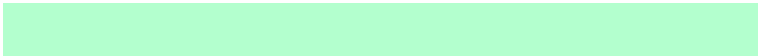
16735898

Sweetspot

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



55117



11796430



9230080



5406818



0



8421504

Same Dimension

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



55117



65371



55223



6318948



43837



11024

Inverse Universe

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



14090378



16711844



14090272



7037031



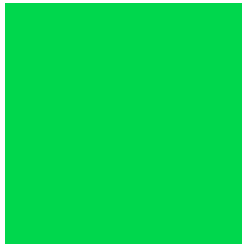
11206766



2818076

Previews

White Background



This preview shows how the Decimal color 55117 looks on a white background.

Color Contrast Check

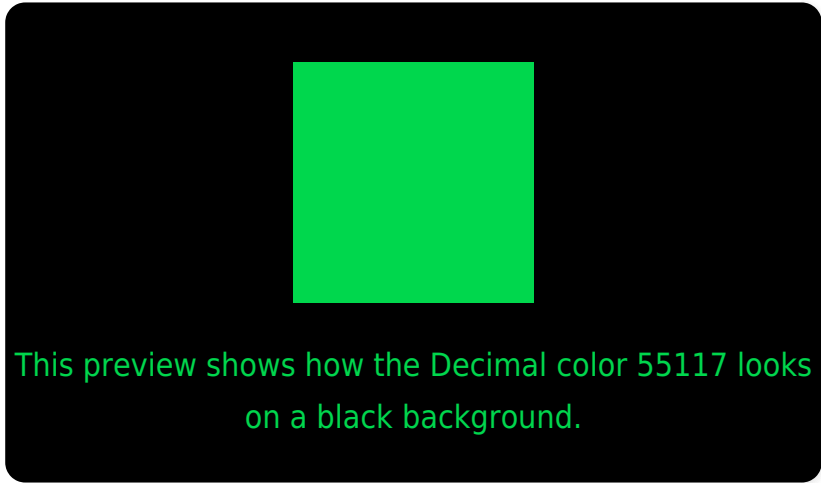
Large Text (above 18pt) WCAG AA × Fail

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

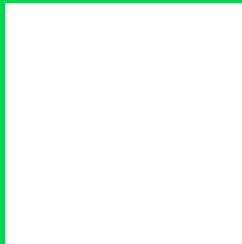
Any Text WCAG AAA ✓ Pass

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

Decimal 55117 Background



This preview shows how black text looks on a background with the Decimal color 55117.



This preview shows how white text looks on a background with the Decimal color 55117.

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](#).

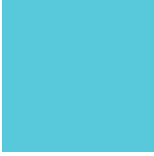
Dichromacy



Original Color
55117

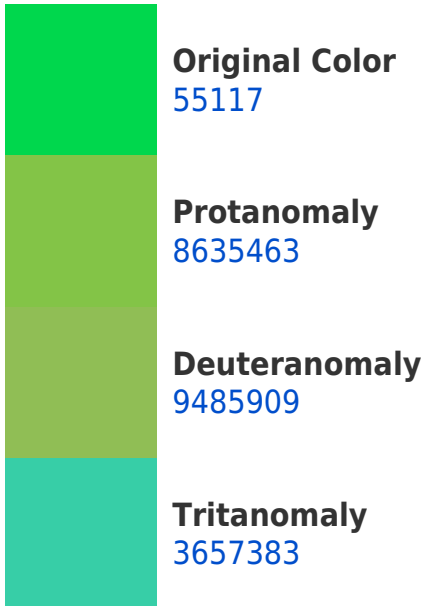
Protanopia
13547844

Deuteranopia
14921817

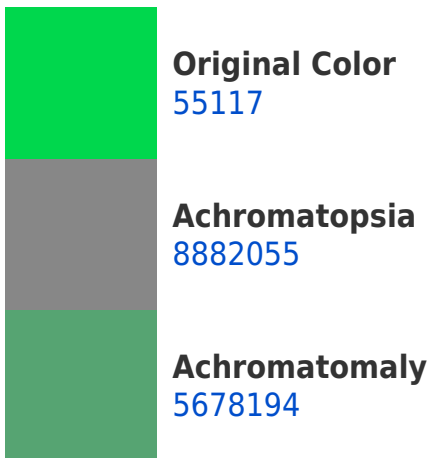


Tritanopia
5753306

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 55117 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 #00D74D looks like.

```
.text, #text, p{  
    color:#00D74D  
}
```

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 #00D74D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D74D
}
```

Border

The CSS property to change the border of an element to Decimal 55117 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
#00D74D }
```

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

```
.border{ border-color:#00D74D }
```

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

Here you see how a box with a 4 pixel #00D74D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D74D; -webkit-box-shadow:4px 4px  
4px 4px #00D74D; box-shadow:4px 4px 4px  
4px #00D74D }
```

Background

The CSS property to change the background color of an element to Decimal 55117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D74D }
```

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

```
.background{ background-color:#00D74D }
```

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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