

Converting Colors

Decimal(47671)

Have a look what the booklet for
Decimal(47671) contains.

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Color

Decimal(47671)

Conversions

Conversions Part 1

Format	Color
Hex	00BA37
RGB	0, 186, 55
RGB Percent	0%, 73%, 22%
CMY	1.0000, 0.2706, 0.7843
CMYK	1.00, 0.00, 0.70, 0.27
HSL	138°, 100%, 36%
HSV	138°, 100%, 73%
XYZ	18.2485, 35.3936, 9.4843
YIQ	115.4520, -68.8050, -80.1730

Conversions

Conversions Part 2

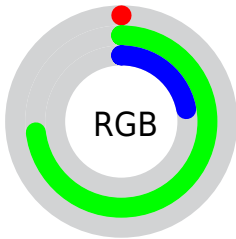
Format	Color
RYB	0, 144, 186
Decimal	47671
CIELab	66.05, -65.23, 52.82
CIELCh	66, 83.934, 141.005
Yxy	35.3936, 0.2891, 0.5607
Android (android.graphics.Color)	4278237751 (0xFF00BA37)
YUV	115.4520, -29.8028, -101.2514
Hunter-Lab	59.4926, -49.3596, 32.1928

Details

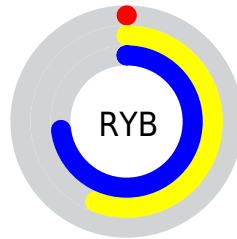
The Decimal color **47671** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **12189827**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **6484845**, and **33536** is the 20% darker color. If you saturate the color by 10%, you get **47671**, and if you desaturate by 10%, it is **1292868**.

Distribution



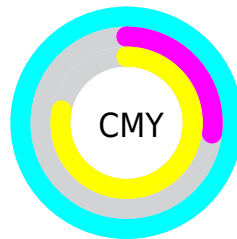
- Red (0%)
- Green (73%)
- Blue (22%)



- Red (0%)
- Yellow (56%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47671 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 47671 by changing the saturation by 10% instead.

 47671	 47671
 16777215	 40473
 6484845	 33536
 8585096	 26880
 10616739	 20224
 12582847	 14080
 14614492	 7424
 16646137	 0

 47671

 1292868

 2472529

 3717726

 4897387

 6142585

 7387782

 8567443

 9812640

 10992301

Harmonies

Analogous

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



9415936



47671



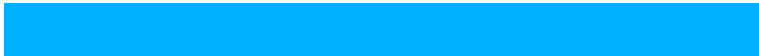
49287

Triad

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



47671



45311



16732016

Complementary

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



47671



12189827

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.



16731323



47671



6592511

Square

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



47671



48895



14905855



16741159

Rectangle

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



47671



49851



14905855



16730248

Sweetspot

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



47671



11203263



8763904



5143131



16448250



8026746

Same Dimension

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



47671



62024



47762



5463125



39982



7176

Inverse Universe

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



12189827



15859883



12189736



6050649



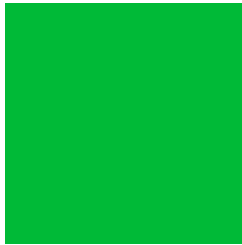
10223726



1835028

Previews

White Background



This preview shows how the Decimal color 47671 looks on a white background.

Color Contrast Check

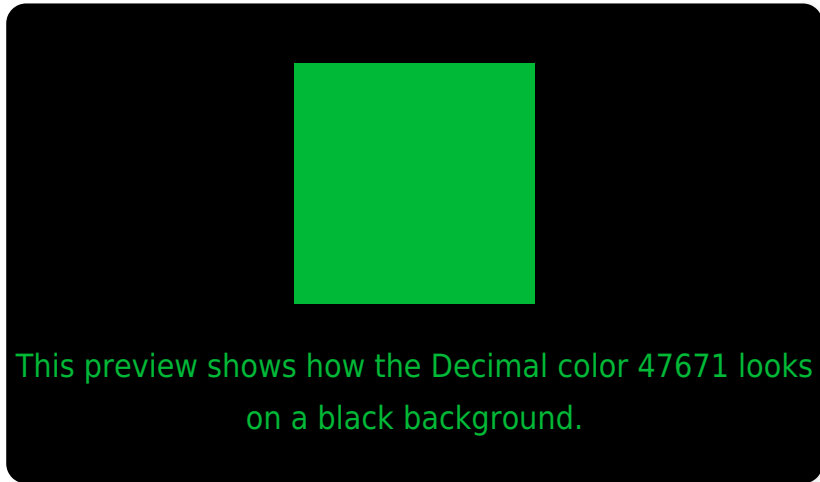
Large Text (above 18pt) WCAG AA × Fail

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 47671 Background



This preview shows how black text looks on a background with the Decimal color 47671.

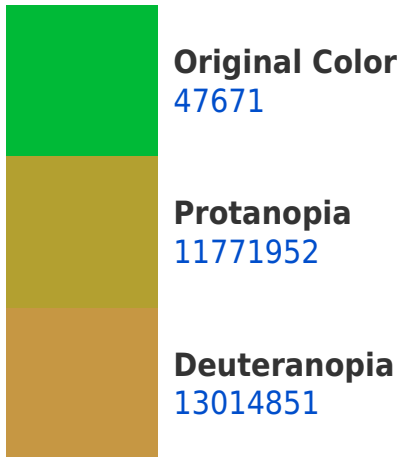


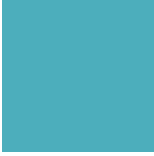
This preview shows how white text looks on a background with the Decimal color 47671.

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
5025468

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47671 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 #00BA37 looks like.

```
.text, #text, p{  
    color:#00BA37  
}
```

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 #00BA37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA37
}
```

Border

The CSS property to change the border of an element to Decimal 47671 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
#00BA37 }
```

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

```
.border{ border-color:#00BA37 }
```

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

Here you see how a box with a 4 pixel #00BA37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA37; -webkit-box-shadow:4px 4px  
4px 4px #00BA37; box-shadow:4px 4px 4px  
4px #00BA37 }
```

Background

The CSS property to change the background color of an element to Decimal 47671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA37 }
```

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

```
.background{ background-color:#00BA37 }
```

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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