

Converting Colors

Decimal(41757)

Have a look what the booklet for
Decimal(41757) contains.

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Color

Decimal(41757)

Conversions

Conversions Part 1

Format	Color
Hex	00A31D
RGB	0, 163, 29
RGB Percent	0%, 64%, 11%
CMY	1.0000, 0.3608, 0.8863
CMYK	1.00, 0.00, 0.82, 0.36
HSL	131°, 100%, 32%
HSV	131°, 100%, 64%
XYZ	13.3190, 26.2831, 5.5336
YIQ	98.9870, -54.1340, -76.2300

Conversions

Conversions Part 2

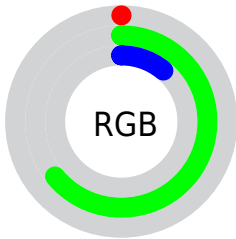
Format	Color
RYB	0, 138, 163
Decimal	41757
CIELab	58.30, -60.57, 54.03
CIELCh	58, 81.169, 138.268
Yxy	26.2831, 0.2951, 0.5823
Android (android.graphics.Color)	4278231837 (0xFF00A31D)
YUV	98.9870, -34.5036, -86.8116
Hunter-Lab	51.2670, -43.3438, 29.4874

Details

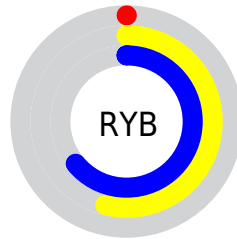
The Decimal color **41757** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10682502**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **6085462**, and **27904** is the 20% darker color. If you saturate the color by 10%, you get **41757**, and if you desaturate by 10%, it is **1090346**.

Distribution



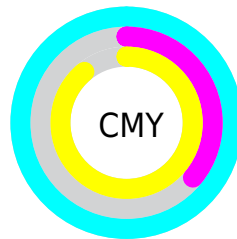
- Red (0%)
- Green (64%)
- Blue (11%)



- Red (0%)
- Yellow (54%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41757 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 41757 by changing the saturation by 10% instead.

 41757  41757

16777215  34816

 6085462  27904

 8124528  21504

 10092427  15104

 12058535  9216

 14024643  0

 15990752

16777213

 41757

 1090346

 2204472

 3253061

 4301651

 5415776

 6464365

 7512955

 8561544

 9675670

Harmonies

Analogous

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



8492544



41757



43373

Triad

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



41757



40447



16725604

Complementary

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



41757



10682502

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.



16464043



41757



3114751

Square

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



41757



43254



12804588



15752478

Rectangle

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



41757



43935



12804588



16723836

Sweetspot

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



41757



9753759



8954624



4549451



15461355



7039851

Same Dimension

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



41757



54310



41837



4805195



37146



4611

Inverse Universe

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



10682502



13893806



10682422



5392720



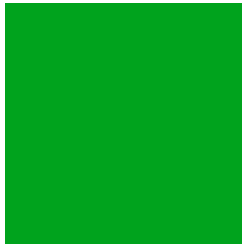
9502839



1179663

Previews

White Background



This preview shows how the Decimal color 41757 looks on a white background.

Color Contrast Check

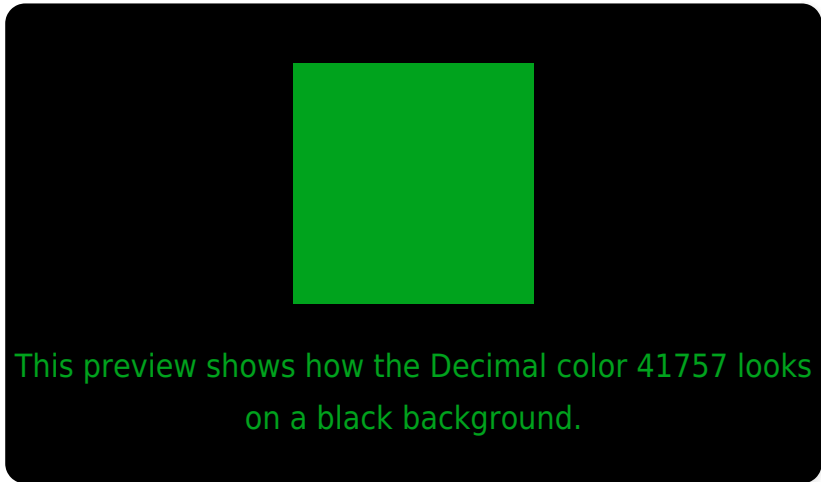
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Decimal 41757 Background



This preview shows how black text looks on a background with the Decimal color 41757.

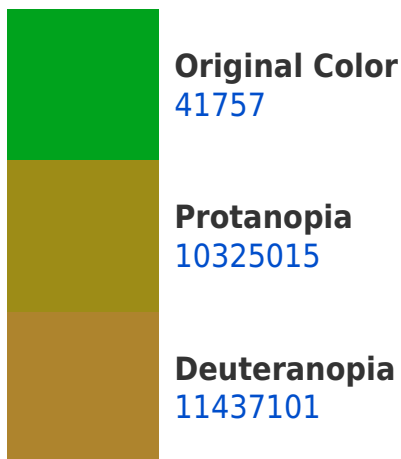



This preview shows how white text looks on a background with the Decimal color 41757.

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](#).

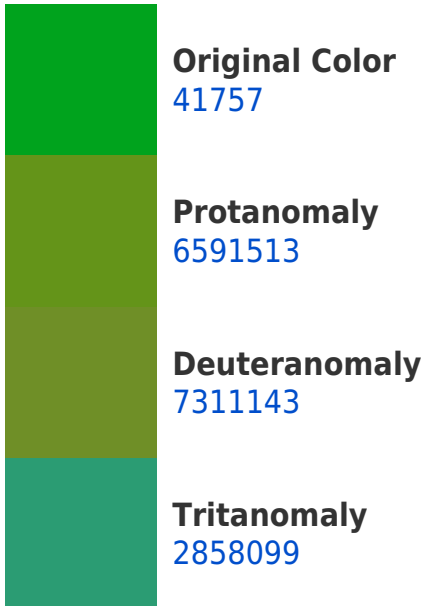
Dichromacy





Tritanopia
4495524

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 41757 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 #00A31D looks like.

```
.text, #text, p{  
    color:#00A31D  
}
```

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 #00A31D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A31D
}
```

Border

The CSS property to change the border of an element to Decimal 41757 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".

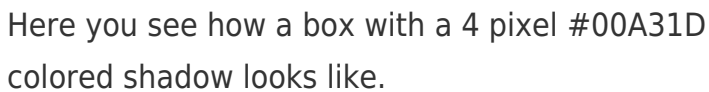
```
.border, #border, table{ border:4px solid
#00A31D }
```

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

```
.border{ border-color:#00A31D }
```

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

Here you see how a box with a 4 pixel #00A31D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A31D; -webkit-box-shadow:4px 4px  
4px 4px #00A31D; box-shadow:4px 4px 4px  
4px #00A31D }
```

Background

The CSS property to change the background color of an element to Decimal 41757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A31D }
```

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

```
.background{ background-color:#00A31D }
```

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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