

Converting Colors

Decimal(42018)

Have a look what the booklet for
Decimal(42018) contains.

Decimal(42018)	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(42018)

Conversions

Conversions Part 1

Format	Color
Hex	00A422
RGB	0, 164, 34
RGB Percent	0%, 64%, 13%
CMY	1.0000, 0.3569, 0.8667
CMYK	1.00, 0.00, 0.79, 0.36
HSL	132°, 100%, 32%
HSV	132°, 100%, 64%
XYZ	13.5642, 26.6664, 5.9456
YIQ	100.1440, -56.0140, -75.1980

Conversions

Conversions Part 2

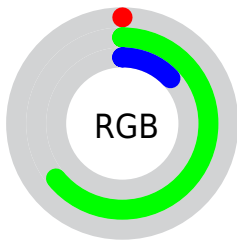
Format	Color
RYB	0, 136, 164
Decimal	42018
CIELab	58.66, -60.54, 52.85
CIElCh	59, 80.366, 138.877
Yxy	26.6664, 0.2937, 0.5775
Android (android.graphics.Color)	4278232098 (0xFF00A422)
YUV	100.1440, -32.6090, -87.8263
Hunter-Lab	51.6395, -43.4825, 29.3212

Details

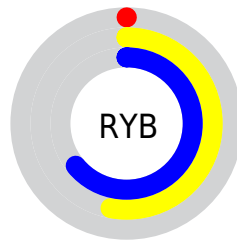
The Decimal color **42018** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10748034**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6085721**, and **28160** is the 20% darker color. If you saturate the color by 10%, you get **42018**, and if you desaturate by 10%, it is **1090607**.

Distribution



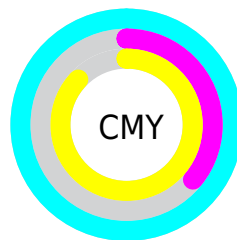
- Red (0%)
- Green (64%)
- Blue (13%)



- Red (0%)
- Yellow (53%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42018 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 42018 by changing the saturation by 10% instead.

 42018  42018

16777215  35072

 6085721  28160

 8124788  21760

 10092431  15360

 12058539  9216

 14024647  0

 16056292

 42018

 1090607

 2204732

 3253321

 4367446

 5416035

 6464624

 7578749

 8627338

 9741463

Harmonies

Analogous

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



8492800



42018



43632

Triad

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



42018



40447



16726628

Complementary

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



42018



10748034

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.



16530346



42018



3901183

Square

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



42018



43511



12935915



15687455

Rectangle

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



42018



44193



12935915



16724859

Sweetspot

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



42018



9885347



8627200



4549453



15461355



7039851

Same Dimension

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



42018



54828



42099



4805195



37150



4612

Inverse Universe

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



10748034



14024874



10747953



5392720



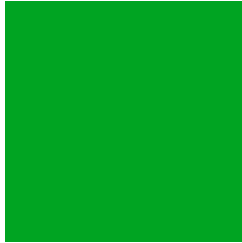
9502835



1179662

Previews

White Background



This preview shows how the Decimal color 42018 looks on a white background.

Color Contrast Check

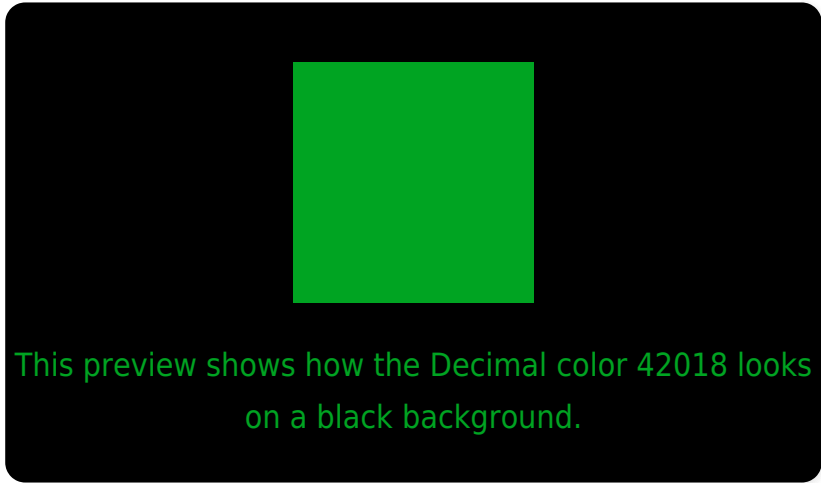
Large Text (above 18pt) WCAG AA ✓ Pass

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 42018 Background



This preview shows how black text looks on a background with the Decimal color 42018.



This preview shows how white text looks on a background with the Decimal color 42018.

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
42018

Protanopia
10390812

Deuteranopia
11502896



Tritanopia
4495781

Trichromacy



Original Color
42018



Protanomaly
6657310



Deuteranomaly
7311403



Tritanomaly
2858357

Monochromacy



Original Color
42018



Achromatopsia
6579300



Achromatomaly
4225868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 42018 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 #00A422 looks like.

```
.text, #text, p{  
    color:#00A422  
}
```

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 #00A422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A422
}
```

Border

The CSS property to change the border of an element to Decimal 42018 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".

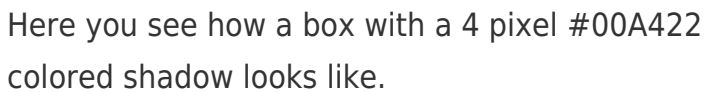
```
.border, #border, table{ border:4px solid
#00A422 }
```

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

```
.border{ border-color:#00A422 }
```

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

Here you see how a box with a 4 pixel #00A422 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A422; -webkit-box-shadow:4px 4px  
4px 4px #00A422; box-shadow:4px 4px 4px  
4px #00A422 }
```

Background

The CSS property to change the background color of an element to Decimal 42018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A422 }
```

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

```
.background{ background-color:#00A422 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor