

# Converting Colors

Decimal(42057)

Have a look what the booklet for  
Decimal(42057) contains.

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# Color

**Decimal(42057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A449
RGB	0, 164, 73
RGB Percent	0%, 64%, 29%
CMY	1.0000, 0.3569, 0.7137
CMYK	1.00, 0.00, 0.55, 0.36
HSL	147°, 100%, 32%
HSV	147°, 100%, 64%
XYZ	14.4781, 27.0320, 10.7579
YIQ	104.5900, -68.5330, -63.0690

# Conversions

## Conversions Part 2

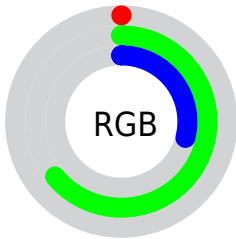
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 164
Decimal	42057
CIELab	59.00, -56.26, 36.86
CIELCh	59, 67.260, 146.771
Yxy	27.0320, 0.2770, 0.5172
Android (android.graphics.Color)	4278232137 (0xFF00A449)
YUV	104.5900, -15.5739, -91.7254
Hunter-Lab	51.9923, -41.2804, 24.1266

# Details

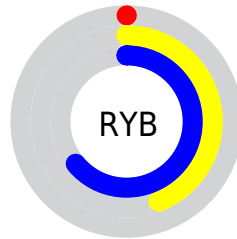
The Decimal color **42057** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10747995**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **5954684**, and **28439** is the 20% darker color. If you saturate the color by 10%, you get **42057**, and if you desaturate by 10%, it is **1090642**.

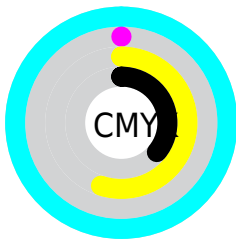
# Distribution



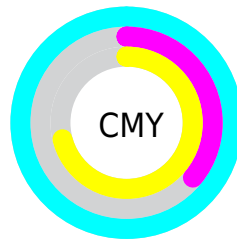
- Red (0%)
- Green (64%)
- Blue (29%)



- Red (0%)
- Yellow (44%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 42057 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 42057 by changing the saturation by 10% instead.




 42057  42057

16777215  35120

 5954684  28439

 7993750  21760

 9961393  15360

 11861965  9472

 13828074  0

 15794175

 42057

 1090642

 2204763

 3253348

 4367469

 5416055

 6464640

 7578761

 8627346

 9741467

# Harmonies

## Analogous

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



7772683



42057



43398

# Triad

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



42057



38911



16013405

# Complementary

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



42057



10747995

# 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.



15880599



42057



8356344

# Square

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



42057



42224



13526480



14381351

# Rectangle

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



42057



43438



13526480



16208496



# Sweetspot

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



42057



9885363



6136832



4549462



15461355



7039851



# Same Dimension

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



42057



54879



42137



4805197



37185



4616



# Inverse Universe

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



10747995



14024823



10747915



5392718



9502801



1179658



# Previews

## White Background



This preview shows how the Decimal color 42057 looks on a white background.

## Color Contrast Check

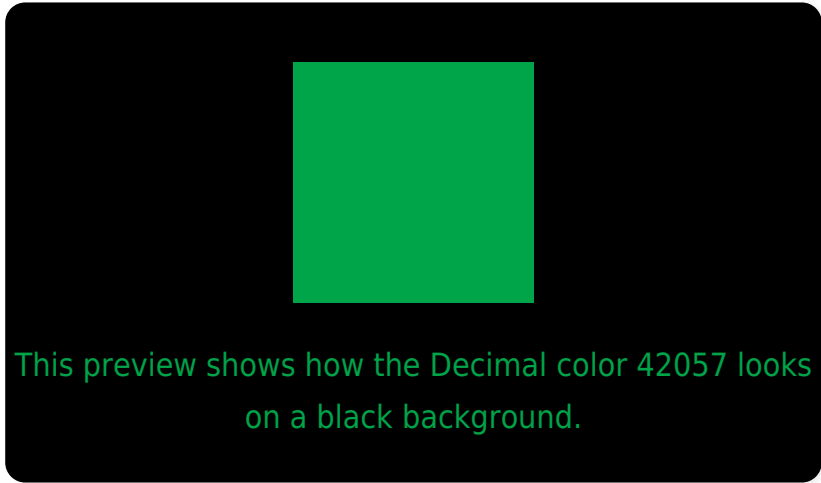
Large Text (above 18pt) WCAG AA ✓ Pass

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 42057 Background



This preview shows how black text looks on a background with the Decimal color 42057.



This preview shows how white text looks on a background with the Decimal color 42057.

# 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





# Trichromacy



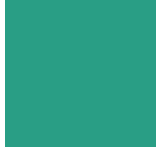
**Original Color**  
42057



**Protanomaly**  
6526277



**Deuteranomaly**  
7180878



**Tritanomaly**  
2727557

# Monochromacy



**Original Color**  
42057



**Achromatopsia**  
6908265



**Achromatomaly**  
4423261

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 42057 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 #00A449 looks like.

```
.text, #text, p{  
    color:#00A449  
}
```

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 #00A449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A449
}
```

## Border

The CSS property to change the border of an element to Decimal 42057 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
#00A449 }
```

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

```
.border{ border-color:#00A449 }
```

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

Here you see how a box with a 4 pixel #00A449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A449; -webkit-box-shadow:4px 4px  
4px 4px #00A449; box-shadow:4px 4px 4px  
4px #00A449 }
```

# Background

The CSS property to change the background color of an element to Decimal 42057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A449 }
```

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

```
.background{ background-color:#00A449 }
```

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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