

Converting Colors

Decimal(42809)

Have a look what the booklet for
Decimal(42809) contains.

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Color

Decimal(42809)

Conversions

Conversions Part 1

Format	Color
Hex	00A739
RGB	0, 167, 57
RGB Percent	0%, 65%, 22%
CMY	1.0000, 0.3451, 0.7765
CMYK	1.00, 0.00, 0.66, 0.35
HSL	140°, 100%, 33%
HSV	140°, 100%, 65%
XYZ	14.5572, 27.9328, 8.4952
YIQ	104.5270, -64.2220, -69.6140

Conversions

Conversions Part 2

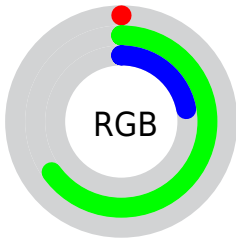
Format	Color
RYB	0, 125, 167
Decimal	42809
CIELab	59.83, -59.33, 45.28
CIELCh	60, 74.632, 142.651
Yxy	27.9328, 0.2855, 0.5479
Android (android.graphics.Color)	4278232889 (0xFF00A739)
YUV	104.5270, -23.4308, -91.6702
Hunter-Lab	52.8515, -43.3248, 27.4659

Details

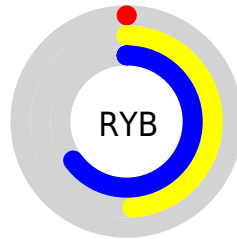
The Decimal color **42809** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10944622**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **6086509**, and **28928** is the 20% darker color. If you saturate the color by 10%, you get **42809**, and if you desaturate by 10%, it is **1156932**.

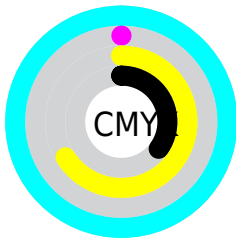
Distribution



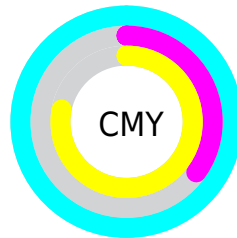
- Red (0%)
- Green (65%)
- Blue (22%)



- Red (0%)
- Yellow (49%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42809 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 42809 by changing the saturation by 10% instead.

 42809  42809

16777215  35870

 6086509  28928

 8125831  22272

 10092450  16128

 12058558  9984

 14024666  0

 15990775

 42809

 1156932


 2205519

 3319642

 4433765

 5482352

 6596475

 7710598

 8824721

 9873308

Harmonies

Analogous

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



8297472



42809



44157

Triad

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



42809



40447



16731490

Complementary

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



42809



10944622

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.



16533667



42809



6850303

Square

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



42809



43512



13526497



15297316

Rectangle

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



42809



44715



13526497



16729719

Sweetspot

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



42809



10017198



7317248



4615764



15592941



7237230

Same Dimension

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



42809



55626



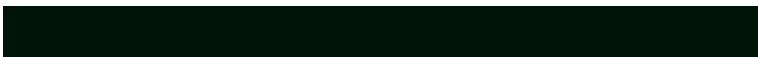
42891



5002319



37938



5127

Inverse Universe

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



10944622



14221455



10944540



5524561



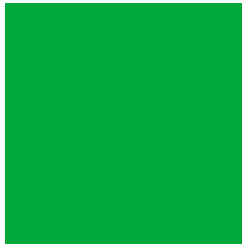
9699425



1310733

Previews

White Background



This preview shows how the Decimal color 42809 looks on a white background.

Color Contrast Check

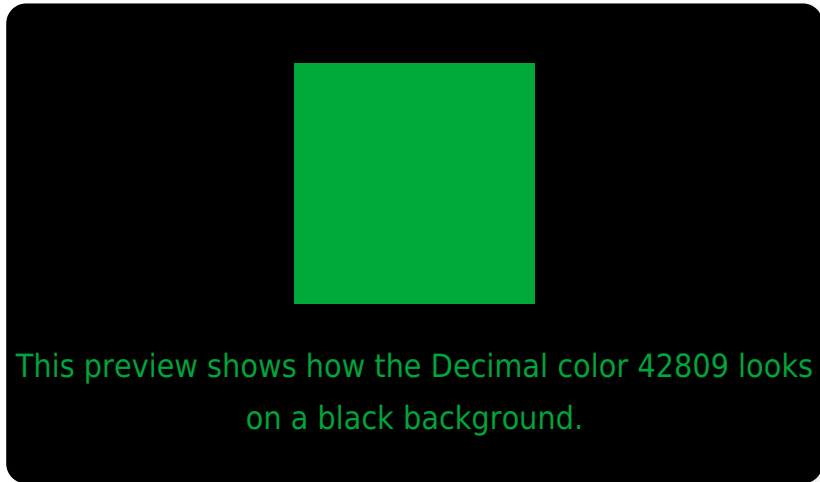
Large Text (above 18pt) WCAG AA ✓ Pass

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 42809 Background



This preview shows how black text looks on a background with the Decimal color 42809.



This preview shows how white text looks on a background with the Decimal color 42809.

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
42809

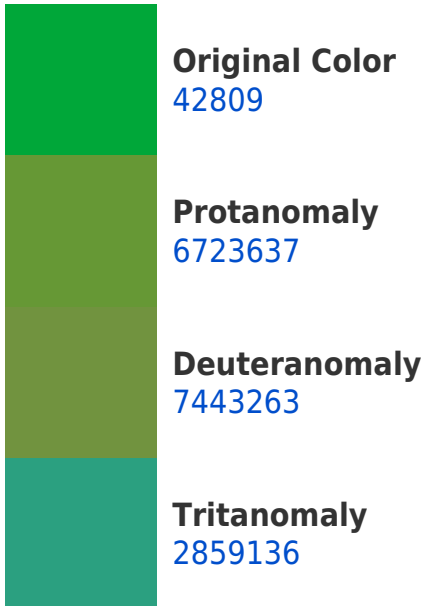
Protanopia
10522418

Deuteranopia
11634755



Tritanopia
4431017

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 42809 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 #00A739 looks like.

```
.text, #text, p{  
    color:#00A739  
}
```

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 #00A739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A739
}
```

Border

The CSS property to change the border of an element to Decimal 42809 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
#00A739 }
```

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

```
.border{ border-color:#00A739 }
```

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

Here you see how a box with a 4 pixel #00A739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A739; -webkit-box-shadow:4px 4px  
4px 4px #00A739; box-shadow:4px 4px 4px  
4px #00A739 }
```

Background

The CSS property to change the background color of an element to Decimal 42809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A739 }
```

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

```
.background{ background-color:#00A739 }
```

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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