

Converting Colors

Decimal(38430)

Have a look what the booklet for
Decimal(38430) contains.

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Color

Decimal(38430)

Conversions

Conversions Part 1

Format	Color
Hex	00961E
RGB	0, 150, 30
RGB Percent	0%, 59%, 12%
CMY	1.0000, 0.4118, 0.8824
CMYK	1.00, 0.00, 0.80, 0.41
HSL	132°, 100%, 29%
HSV	132°, 100%, 59%
XYZ	11.1407, 21.9064, 4.8695
YIQ	91.4700, -50.8800, -69.1200

Conversions

Conversions Part 2

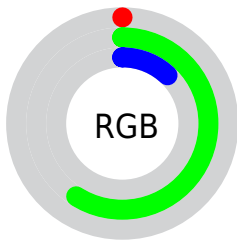
Format	Color
RYB	0, 125, 150
Decimal	38430
CIELab	53.93, -56.72, 49.57
CIELCh	54, 75.327, 138.844
Yxy	21.9064, 0.2938, 0.5778
Android (android.graphics.Color)	4278228510 (0xFF00961E)
YUV	91.4700, -30.3047, -80.2192
Hunter-Lab	46.8043, -39.4197, 26.5945

Details

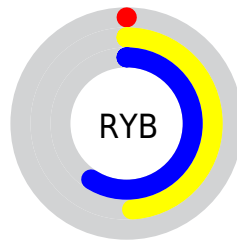
The Decimal color **38430** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9830520**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5819732**, and **24832** is the 20% darker color. If you saturate the color by 10%, you get **38430**, and if you desaturate by 10%, it is **1021482**.

Distribution



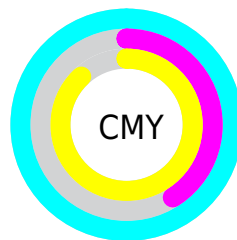
- Red (0%)
- Green (59%)
- Blue (12%)



- Red (0%)
- Yellow (49%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 38430 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 38430 by changing the saturation by 10% instead.

 38430  38430

16777215  31488

 5819732  24832

 7793263  18432

 9699209  12800

 11665317  5632

 13631425  0

 15597533

 16777210

 38430

 1021482

 2004534

 2987586

 3970638

 4953690

 5936742

 6919794

 7902846

 8885898

Harmonies

Analogous

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



7703040



38430



40038

Triad

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



38430



37119



15807579

Complementary

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



38430



9830520

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.



15152540



38430



3504893

Square

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



38430



39650



11885016



14374427

Rectangle

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



38430



40339



11885016



15806065

Sweetspot

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



38430



8962707



7902720



4088133



14737632



6381921

Same Dimension

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



38430



49703



38505



4409924



35356



2562

Inverse Universe

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



9830520



12714139



9830445



4866888



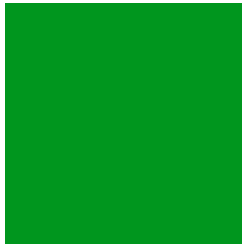
9044078



655368

Previews

White Background



This preview shows how the Decimal color 38430 looks on a white background.

Color Contrast Check

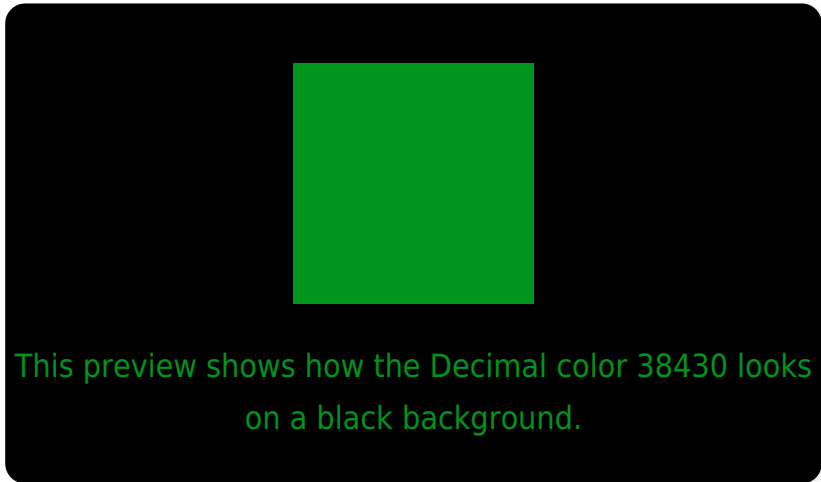
Large Text (above 18pt) WCAG AA ✓ Pass

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

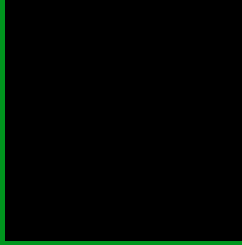
Any Text WCAG AA ✓ Pass

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 38430 Background



This preview shows how black text looks on a background with the Decimal color 38430.



This preview shows how white text looks on a background with the Decimal color 38430.

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
38430

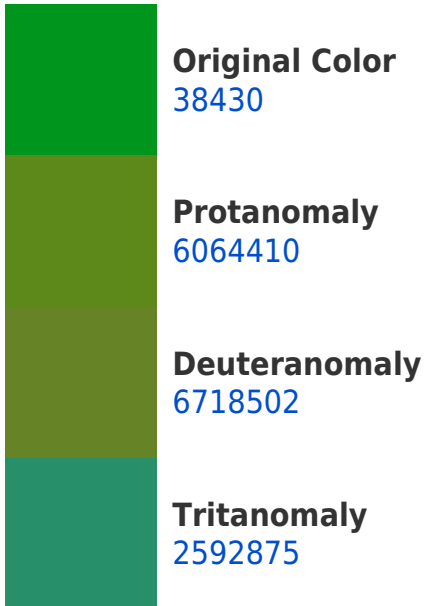
Protanopia
9470232

Deuteranopia
10517035



Tritanopia
4099223

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 38430 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 #00961E looks like.

```
.text, #text, p{  
    color:#00961E  
}
```

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 #00961E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00961E
}
```

Border

The CSS property to change the border of an element to Decimal 38430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

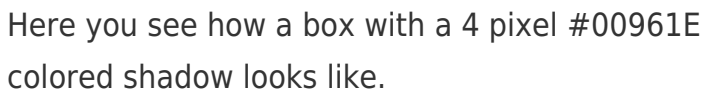
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00961E }
```

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

```
.border{ border-color:#00961E }
```

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



Here you see how a box with a 4 pixel #00961E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00961E; -webkit-box-shadow:4px 4px  
4px 4px #00961E; box-shadow:4px 4px 4px  
4px #00961E }
```

Background

The CSS property to change the background color of an element to Decimal 38430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00961E }
```

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

```
.background{ background-color:#00961E }
```

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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