

Converting Colors

Decimal(38186)

Have a look what the booklet for
Decimal(38186) contains.

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Color

Decimal(38186)

Conversions

Conversions Part 1

Format	Color
Hex	00952A
RGB	0, 149, 42
RGB Percent	0%, 58%, 16%
CMY	1.0000, 0.4157, 0.8353
CMYK	1.00, 0.00, 0.72, 0.42
HSL	137°, 100%, 29%
HSV	137°, 100%, 58%
XYZ	11.1654, 21.6621, 5.7832
YIQ	92.2510, -54.4570, -64.8650

Conversions

Conversions Part 2

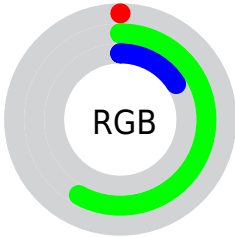
Format	Color
RYB	0, 116, 149
Decimal	38186
CIELab	53.67, -55.41, 44.94
CIELCh	54, 71.340, 140.959
Yxy	21.6621, 0.2892, 0.5610
Android (android.graphics.Color)	4278228266 (0xFF00952A)
YUV	92.2510, -24.7737, -80.9041
Hunter-Lab	46.5425, -38.6280, 25.2126

Details

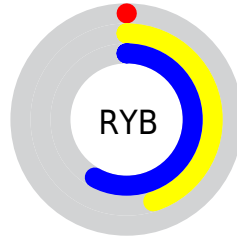
The Decimal color **38186** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9764971**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **5753950**, and **24576** is the 20% darker color. If you saturate the color by 10%, you get **38186**, and if you desaturate by 10%, it is **1021237**.

Distribution



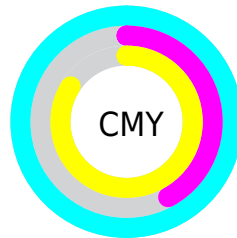
- Red (0%)
- Green (58%)
- Blue (16%)



- Red (0%)
- Yellow (45%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 38186 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 38186 by changing the saturation by 10% instead.

 38186  38186

16777215  31244

 5753950  24576

 7727480  18176

 9633682  12544

 11599790  5376

 13500362  0

 15466470

 38186

 1021237

 2004287

 2987338

 3970389

 4953439

 5870954

 6854005

 7837056

 8820106

Harmonies

Analogous

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



7506432



38186



39531

Triad

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



38186



36347



15351128

Complementary

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



38186



9764971

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.



14891926



38186



5208308

Square

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



38186



39135



12016079



13982493

Rectangle

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



38186



39830



12016079



15480940

Sweetspot

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



38186



8962712



7181568



4088136



14737632



6381921

Same Dimension

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



38186



49719



38258



4409925



35367



2563

Inverse Universe

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



9764971



12714123



9764899



4866888



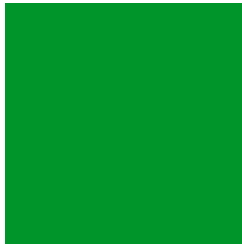
9044067



655367

Previews

White Background



This preview shows how the Decimal color 38186 looks on a white background.

Color Contrast Check

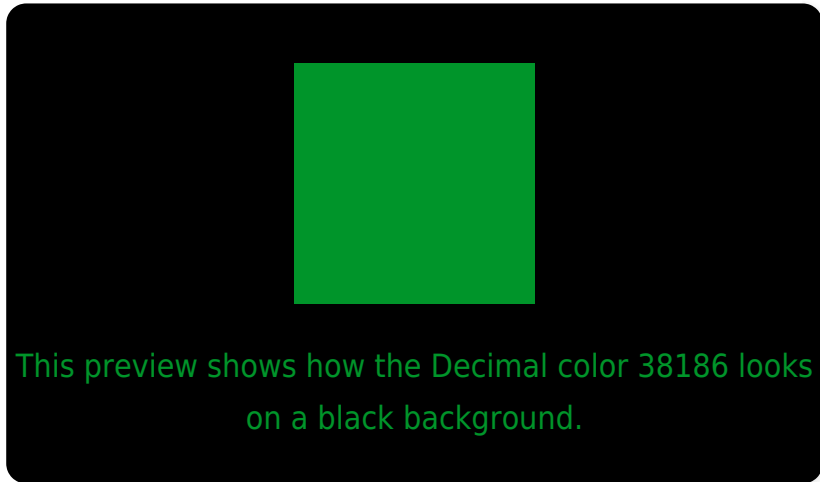
Large Text (above 18pt) WCAG AA ✓ Pass

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 38186 Background



This preview shows how black text looks on a background with the Decimal color 38186.



This preview shows how white text looks on a background with the Decimal color 38186.

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
38186

Protanopia
9404452

Deuteranopia
10451252



Tritanopia
4033430

Trichromacy



Original Color
38186



Protanomaly
5998630



Deuteranomaly
6652720



Tritanomaly
2592623

Monochromacy



Original Color
38186



Achromatopsia
6052956



Achromatomaly
3895626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 38186 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 #00952A looks like.

```
.text, #text, p{  
    color:#00952A  
}
```

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 #00952A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00952A
}
```

Border

The CSS property to change the border of an element to Decimal 38186 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
#00952A }
```

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

```
.border{ border-color:#00952A }
```

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

Here you see how a box with a 4 pixel #00952A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00952A; -webkit-box-shadow:4px 4px  
4px 4px #00952A; box-shadow:4px 4px 4px  
4px #00952A }
```

Background

The CSS property to change the background color of an element to Decimal 38186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00952A }
```

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

```
.background{ background-color:#00952A }
```

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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