

Converting Colors

Decimal(503343)

Have a look what the booklet for
Decimal(503343) contains.

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Color

Decimal(503343)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 07AE2F |
| RGB | 7, 174, 47 |
| RGB Percent | 3%, 68%, 18% |
| CMY | 0.9725, 0.3176, 0.8157 |
| CMYK | 0.96, 0.00, 0.73, 0.32 |
| HSL | 134°, 92%, 35% |
| HSV | 134°, 96%, 68% |
| XYZ | 15.7368, 30.5225, 7.7513 |
| YIQ | 109.5890, -58.7650, -74.9010 |

Conversions

Conversions Part 2

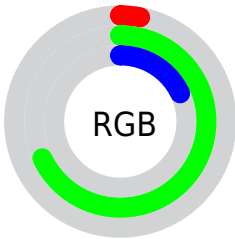
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 7, 142, 174 |
| Decimal | 503343 |
| CIELab | 62.10, -62.09, 51.77 |
| CIELCh | 62, 80.844, 140.181 |
| Yxy | 30.5225, 0.2914, 0.5651 |
| Android (android.graphics.Color) | 4278693423 (0xFF07AE2F) |
| YUV | 109.5890, -30.8564, -89.9706 |
| Hunter-Lab | 55.2472, -45.8381, 30.3545 |

Details

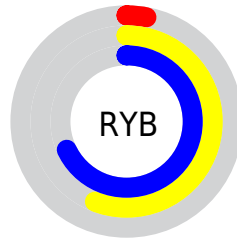
The Decimal color **503343** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **11405190**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **6350693**, and **30720** is the 20% darker color. If you saturate the color by 10%, you get **44586**, and if you desaturate by 10%, it is **1617468**.

Distribution



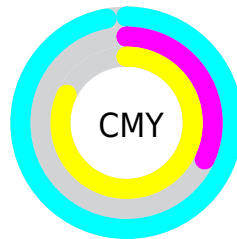
- Red (3%)
- Green (68%)
- Blue (18%)



- Red (3%)
- Yellow (56%)
- Blue (68%)



- Cyan (96%)
- Magenta (0%)
- Yellow (73%)
- Black (32%)



- Cyan (97%)
- Magenta (32%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 503343 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 503343 by changing the saturation by 10% instead.



503343



503343

16777215



37647



6350693



30720



8388479



24064



10420123



17408



12386231



11520



14352339



3584



16383984



0



503343



503343



44586



1617468

 2797129

 3911255

 5090916

 6205041

 7319166

 8498828

 9612953

 10792614

Harmonies

Analogous

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



8888576



503343



46203

Triad

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



503343



42751



16729961

Complementary

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



503343



11405190

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.



16729521



503343



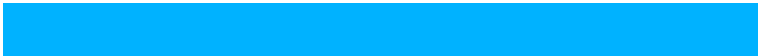
5606911

Square

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



503343



45823



13855219



16345636

Rectangle

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



503343



46765



13855219



16728193

Sweetspot

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



503343



10609585



8891911



4944724



15921906



7566195

Same Dimension

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



503343



58166



503425



5134160



38436



5893

Inverse Universe

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



11405190



14876845



11405108



5721685



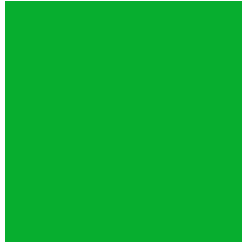
9830514



1507345

Previews

White Background



This preview shows how the Decimal color 503343 looks on a white background.

Color Contrast Check

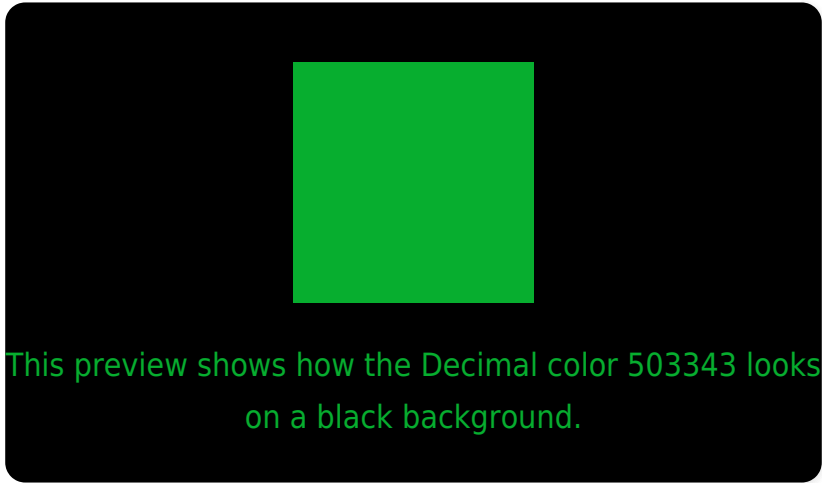
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 503343 Background



This preview shows how black text looks on a background with the Decimal color 503343.



This preview shows how white text looks on a background with the Decimal color 503343.

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
503343

Protanopia
10982697

Deuteranopia
12160571



Tritanopia
4760239

Trichromacy



Original Color
503343



Protanomaly
7183915



Deuteranomaly
7903799



Tritanomaly
3188352

Monochromacy



Original Color
503343



Achromatopsia
7237230



Achromatomaly
4818263

CSS Examples

Text

The CSS property to change the color of the text to Decimal 503343 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 #07AE2F looks like.

```
.text, #text, p{  
    color:#07AE2F  
}
```

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 #07AE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07AE2F
}
```

Border

The CSS property to change the border of an element to Decimal 503343 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
#07AE2F }
```

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

```
.border{ border-color:#07AE2F }
```

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

Here you see how a box with a 4 pixel #07AE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07AE2F; -webkit-box-shadow:4px 4px  
4px 4px #07AE2F; box-shadow:4px 4px 4px  
4px #07AE2F }
```

Background

The CSS property to change the background color of an element to Decimal 503343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07AE2F }
```

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

```
.background{ background-color:#07AE2F }
```

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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