

Converting Colors

Decimal(895313)

Have a look what the booklet for
Decimal(895313) contains.

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Color

Decimal(895313)

Conversions

Conversions Part 1

Format	Color
Hex	0DA951
RGB	13, 169, 81
RGB Percent	5%, 66%, 32%
CMY	0.9490, 0.3373, 0.6824
CMYK	0.92, 0.00, 0.52, 0.34
HSL	146°, 86%, 36%
HSV	146°, 92%, 66%
XYZ	15.8391, 29.0556, 12.5581
YIQ	112.3240, -64.7280, -60.4400

Conversions

Conversions Part 2

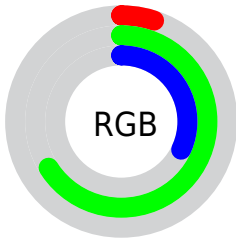
Format	Color
RYB	13, 122, 169
Decimal	895313
CIELab	60.83, -56.02, 35.11
CIElCh	61, 66.113, 147.919
Yxy	29.0556, 0.2757, 0.5057
Android (android.graphics.Color)	4279085393 (0xFF0DA951)
YUV	112.3240, -15.4427, -87.1071
Hunter-Lab	53.9032, -41.8795, 23.9192

Details

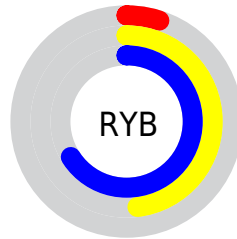
The Decimal color **895313** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **11079013**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6218116**, and **29472** is the 20% darker color. If you saturate the color by 10%, you get **43338**, and if you desaturate by 10%, it is **2009435**.

Distribution



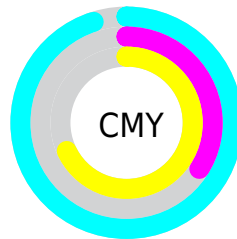
- Red (5%)
- Green (66%)
- Blue (32%)



- Red (5%)
- Yellow (48%)
- Blue (66%)



- Cyan (92%)
- Magenta (0%)
- Yellow (52%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 895313 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 895313 by changing the saturation by 10% instead.



895313



895313

16777215



36409



6218116



29472



8257439



23045



10223546



16640



12124118



10752



14090227



1536



16121855



0



895313



895313



43338



2009435

■ 3123556

■ 4237678

■ 5351799

■ 6400385

■ 7514506

■ 8628628

■ 9742749

■ 10856871

Harmonies

Analogous

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



7970586



895313



44429

Triad

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



895313



39935



16277344

Complementary

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



895313



11079013

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.



16210073



895313



9012731

Square

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



895313



43253



13986514



14579501

Rectangle

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



895313



44725



13986514



16472690

Sweetspot

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



895313



10410937



6662413



4746841



15592941



7237230

Same Dimension

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



895313



56160



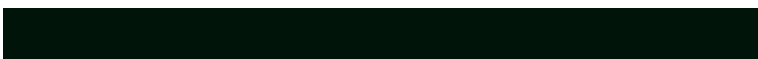
895391



5002319



37952



5129

Inverse Universe

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



11079013



14352508



11078935



5524560



9699411



1310732

Previews

White Background



This preview shows how the Decimal color 895313 looks on a white background.

Color Contrast Check

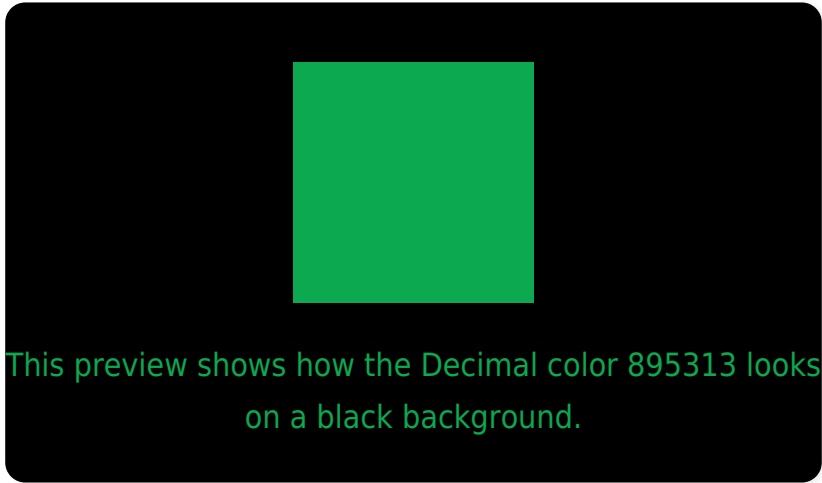
Large Text (above 18pt) WCAG AA ✓ Pass

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 895313 Background



This preview shows how black text looks on a background with the Decimal color 895313.




This preview shows how white text looks on a background with the Decimal color 895313.

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





Tritanopia
4366252

Trichromacy



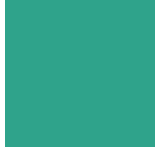
Original Color
895313



Protanomaly
7051852



Deuteranomaly
7706198



Tritanomaly
3122059

Monochromacy



Original Color
895313



Achromatopsia
7368816



Achromatomaly
5014885

CSS Examples

Text

The CSS property to change the color of the text to Decimal 895313 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 #0DA951 looks like.

```
.text, #text, p{  
    color:#0DA951  
}
```

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 #0DA951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA951
}
```

Border

The CSS property to change the border of an element to Decimal 895313 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
#0DA951 }
```

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

```
.border{ border-color:#0DA951 }
```

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

Here you see how a box with a 4 pixel #0DA951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA951; -webkit-box-shadow:4px 4px  
4px 4px #0DA951; box-shadow:4px 4px 4px  
4px #0DA951 }
```

Background

The CSS property to change the background color of an element to Decimal 895313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA951 }
```

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

```
.background{ background-color:#0DA951 }
```

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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