

Converting Colors

Decimal(836915)

Have a look what the booklet for
Decimal(836915) contains.

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Color

Decimal(836915)

Conversions

Conversions Part 1

Format	Color
Hex	0CC533
RGB	12, 197, 51
RGB Percent	5%, 77%, 20%
CMY	0.9529, 0.2275, 0.8000
CMYK	0.94, 0.00, 0.74, 0.23
HSL	133°, 89%, 41%
HSV	133°, 94%, 77%
XYZ	20.7154, 40.2497, 9.8091
YIQ	125.0410, -63.3940, -84.6260

Conversions

Conversions Part 2

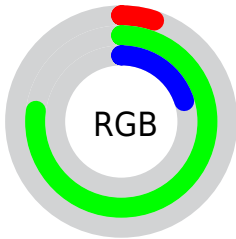
Format	Color
RYB	12, 165, 197
Decimal	836915
CIELab	69.65, -68.27, 58.01
CIElCh	70, 89.586, 139.644
Yxy	40.2497, 0.2927, 0.5687
Android (android.graphics.Color)	4279026995 (0xFF0CC533)
YUV	125.0410, -36.5022, -99.1370
Hunter-Lab	63.4426, -52.7405, 35.2428

Details

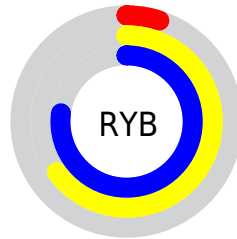
The Decimal color **836915** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **12913822**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **6881131**, and **36096** is the 20% darker color. If you saturate the color by 10%, you get **50474**, and if you desaturate by 10%, it is **2147651**.

Distribution



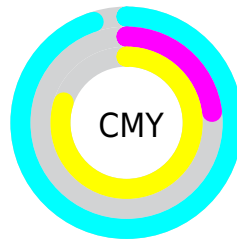
- Red (5%)
- Green (77%)
- Blue (20%)



- Red (5%)
- Yellow (65%)
- Blue (77%)



- Cyan (94%)
- Magenta (0%)
- Yellow (74%)
- Black (23%)



- Cyan (95%)
- Magenta (23%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 836915 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 836915 by changing the saturation by 10% instead.

 836915  836915

16777215  43280

 6881131  36096

 8978310  29440

 11009954  22528

 13041598  16384

 15073243  9984

 16777208  0

 836915  836915

 50474  2147651

 3392850


 4703586

 6014321

 7325057

 8570256

 9880992

 11191727

 12436927

Harmonies

Analogous

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



10139136



836915



52362

Triad

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



836915



48383



16731769

Complementary

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



836915



12913822

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.



16731850



836915



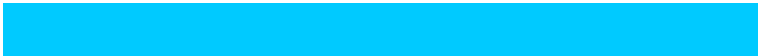
5939711

Square

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



836915



51967



15628543



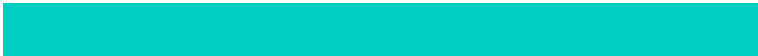
16742186

Rectangle

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



836915



52931



15628543



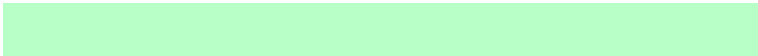
16730004

Sweetspot

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



836915



12124103



10536204



5537885



0



8421504

Same Dimension

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



836915



65334



837006



5923676



41762



9224

Inverse Universe

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



12913822



16711881



12913732



6511201



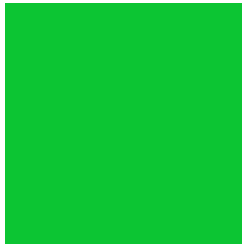
10682497



2359324

Previews

White Background



This preview shows how the Decimal color 836915 looks on a white background.

Color Contrast Check

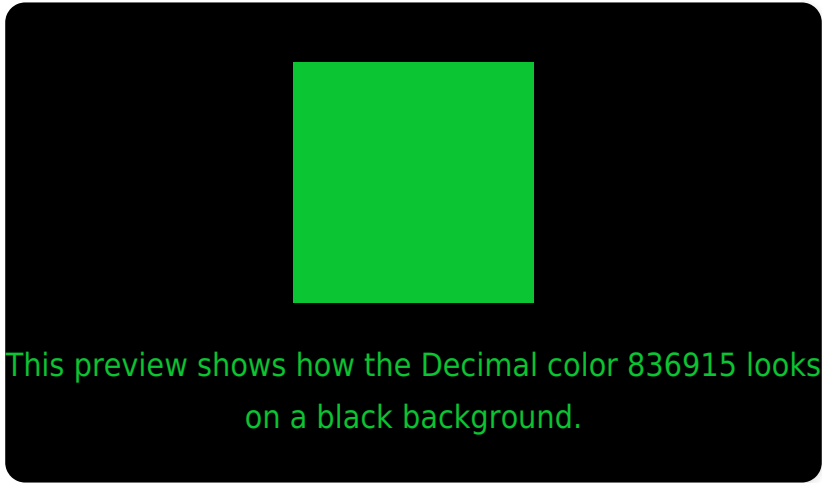
Large Text (above 18pt) WCAG AA × Fail

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 836915 Background



This preview shows how black text looks on a background with the Decimal color 836915.



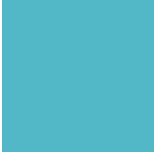
This preview shows how white text looks on a background with the Decimal color 836915.

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](#).

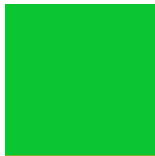
Dichromacy





Tritanopia
5421255

Trichromacy



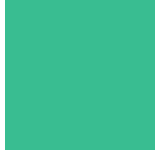
Original Color
836915



Protanomaly
8237871



Deuteranomaly
9088316



Tritanomaly
3784081

Monochromacy



Original Color
836915



Achromatopsia
8224125



Achromatomaly
5543778

CSS Examples

Text

The CSS property to change the color of the text to Decimal 836915 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 #0CC533 looks like.

```
.text, #text, p{  
    color:#0CC533  
}
```

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 #0CC533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CC533
}
```

Border

The CSS property to change the border of an element to Decimal 836915 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".

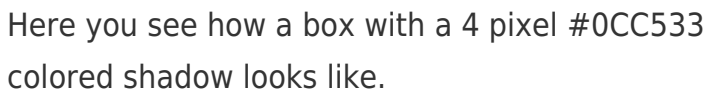
```
.border, #border, table{ border:4px solid
#0CC533 }
```

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

```
.border{ border-color:#0CC533 }
```

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

Here you see how a box with a 4 pixel #0CC533 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CC533; -webkit-box-shadow:4px 4px  
4px 4px #0CC533; box-shadow:4px 4px 4px  
4px #0CC533 }
```

Background

The CSS property to change the background color of an element to Decimal 836915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CC533 }
```

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

```
.background{ background-color:#0CC533 }
```

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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