

Converting Colors

Decimal(838504)

Have a look what the booklet for
Decimal(838504) contains.

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Color

Decimal(838504)

Conversions

Conversions Part 1

Format	Color
Hex	0CCB68
RGB	12, 203, 104
RGB Percent	5%, 80%, 41%
CMY	0.9529, 0.2039, 0.5922
CMYK	0.94, 0.00, 0.49, 0.20
HSL	149°, 89%, 42%
HSV	149°, 94%, 80%
XYZ	24.0062, 43.7895, 20.2837
YIQ	134.6050, -82.0570, -71.2810

Conversions

Conversions Part 2

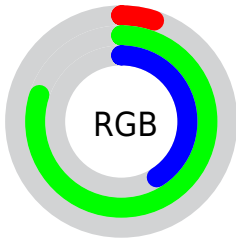
Format	Color
RYB	12, 141, 203
Decimal	838504
CIELab	72.09, -63.63, 37.65
CIELCh	72, 73.936, 149.387
Yxy	43.7895, 0.2726, 0.4972
Android (android.graphics.Color)	4279028584 (0xFF0CCB68)
YUV	134.6050, -15.0883, -107.5246
Hunter-Lab	66.1736, -51.0483, 28.1479

Details

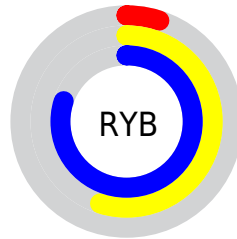
The Decimal color **838504** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **13306991**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6881181**, and **37686** is the 20% darker color. If you saturate the color by 10%, you get **52066**, and if you desaturate by 10%, it is **2149235**.

Distribution



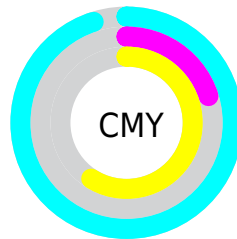
- Red (5%)
- Green (80%)
- Blue (41%)



- Red (5%)
- Yellow (55%)
- Blue (80%)



- Cyan (94%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)



- Cyan (95%)
- Magenta (20%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 838504 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 838504 by changing the saturation by 10% instead.


 838504  838504

16777215  44879

 6881181  37686

 8978360  30749

 11010004  24064

 13041649  17664

 15007743  11520

 3584

 0

 838504  838504

■ 52066

■ 2149235

■ 3525501

■ 4836232

■ 6146962

■ 7523229

■ 8833959

■ 10144690

■ 11455420

■ 12831687

Harmonies

Analogous

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



9486379



838504



53421

Triad

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



838504



47615



16742259

Complementary

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



838504



13306991

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.



16739765



838504



11313151

Square

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



838504



51711



16744951



16749369

Rectangle

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



838504



53468



16744951



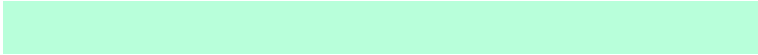
16740744

Sweetspot

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



838504



12124122



7523084



5537897



0



8421504

Same Dimension

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



838504



65403



838597



605521



42576



9746

Inverse Universe

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



13306991



16711812



13306898



6708321



10879062



2490388

Previews

White Background



This preview shows how the Decimal color 838504 looks on a white background.

Color Contrast Check

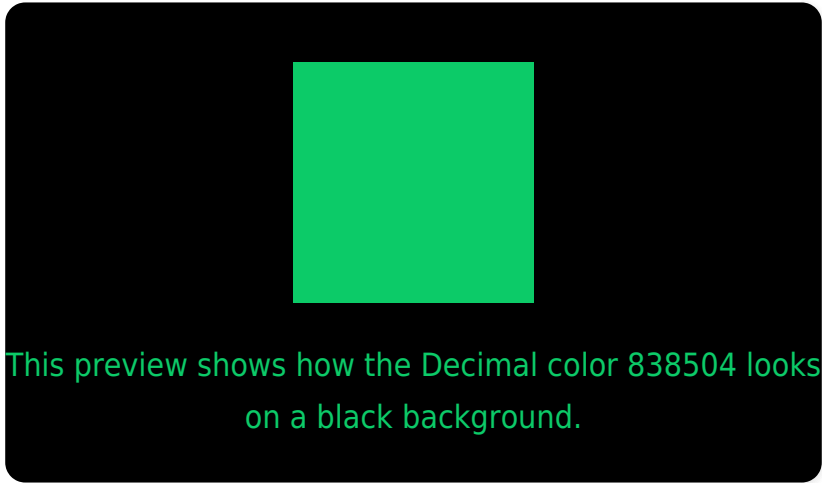
Large Text (above 18pt) WCAG AA × Fail

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 838504 Background



This preview shows how black text looks on a background with the Decimal color 838504.



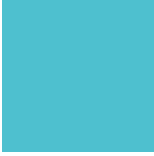
This preview shows how white text looks on a background with the Decimal color 838504.

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
5161167

Trichromacy



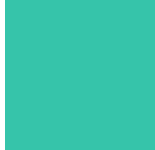
Original Color
838504



Protanomaly
8370530



Deuteranomaly
9155694



Tritanomaly
3589290

Monochromacy



Original Color
838504



Achromatopsia
8882055



Achromatomaly
5939324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 838504 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 #0CCB68 looks like.

```
.text, #text, p{  
    color:#0CCB68  
}
```

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 #0CCB68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCB68
}
```

Border

The CSS property to change the border of an element to Decimal 838504 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
#0CCB68 }
```

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

```
.border{ border-color:#0CCB68 }
```

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

Here you see how a box with a 4 pixel #0CCB68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCB68; -webkit-box-shadow:4px 4px  
4px 4px #0CCB68; box-shadow:4px 4px 4px  
4px #0CCB68 }
```

Background

The CSS property to change the background color of an element to Decimal 838504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCB68 }
```

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

```
.background{ background-color:#0CCB68 }
```

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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