

Converting Colors

Decimal(313426)

Have a look what the booklet for
Decimal(313426) contains.

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Color

Decimal(313426)

Conversions

Conversions Part 1

Format	Color
Hex	04C852
RGB	4, 200, 82
RGB Percent	2%, 78%, 32%
CMY	0.9843, 0.2157, 0.6784
CMYK	0.98, 0.00, 0.59, 0.22
HSL	144°, 96%, 40%
HSV	144°, 98%, 78%
XYZ	22.2273, 41.9436, 14.9071
YIQ	127.9440, -78.9380, -78.2500

Conversions

Conversions Part 2

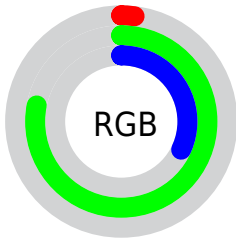
Format	Color
RYB	4, 144, 200
Decimal	313426
CIELab	70.83, -66.23, 46.63
CIELCh	71, 80.996, 144.851
Yxy	41.9436, 0.2811, 0.5304
Android (android.graphics.Color)	4278503506 (0xFF04C852)
YUV	127.9440, -22.6504, -108.6989
Hunter-Lab	64.7638, -52.0745, 31.6876

Details

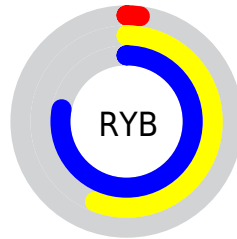
The Decimal color **313426** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **13108346**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **6750087**, and **36893** is the 20% darker color. If you saturate the color by 10%, you get **51280**, and if you desaturate by 10%, it is **1624158**.

Distribution



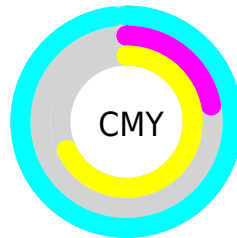
- Red (2%)
- Green (78%)
- Blue (32%)



- Red (2%)
- Yellow (56%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (59%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 313426 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 313426 by changing the saturation by 10% instead.

 313426  313426

16777215  44088

 6750087  36893

 8847266  29952

 10878910  23296

 12910554  16896

 14942199  10752

 1536

 0

 313426  313426

■ 51280

■ 1624158

■ 2934890

■ 4245622

■ 5556354

■ 6867086

■ 8177818

■ 9488550

■ 10799282

■ 12110014

Harmonies

Analogous

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



9747200



313426



52894

Triad

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



313426



47871



16737908

Complementary

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



313426



13108346

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.



16736189



313426



9478143

Square

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



313426



51711



16350207



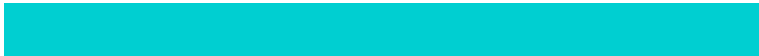
16746288

Rectangle

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



313426



53201



16350207



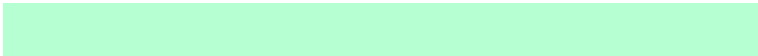
16736396

Sweetspot

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



313426



11927506



8243204



5472357



0



8421504

Same Dimension

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



313426



65381



313521



5923677



41793



9230

Inverse Universe

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



13108346



16711834



13108251



6511199



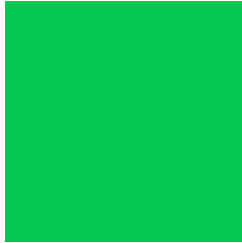
10682466



2359317

Previews

White Background



This preview shows how the Decimal color 313426 looks on a white background.

Color Contrast Check

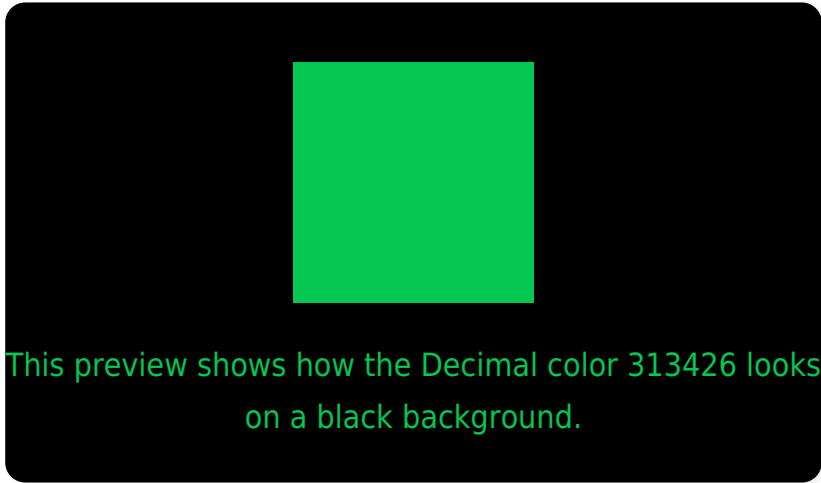
Large Text (above 18pt) WCAG AA × Fail

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 313426 Background



This preview shows how black text looks on a background with the Decimal color 313426.

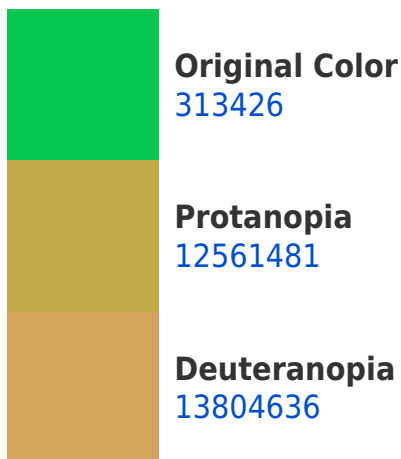


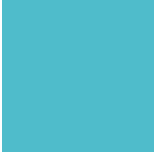
This preview shows how white text looks on a background with the Decimal color 313426.

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
5225675

Trichromacy



Original Color
313426



Protanomaly
8107596



Deuteranomaly
8892760



Tritanomaly
3457183

Monochromacy



Original Color
313426



Achromatopsia
8421504



Achromatomaly
5479023

CSS Examples

Text

The CSS property to change the color of the text to Decimal 313426 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 #04C852 looks like.

```
.text, #text, p{  
    color:#04C852  
}
```

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 #04C852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C852
}
```

Border

The CSS property to change the border of an element to Decimal 313426 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
#04C852 }
```

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

```
.border{ border-color:#04C852 }
```

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

Here you see how a box with a 4 pixel #04C852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C852; -webkit-box-shadow:4px 4px  
4px 4px #04C852; box-shadow:4px 4px 4px  
4px #04C852 }
```

Background

The CSS property to change the background color of an element to Decimal 313426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C852 }
```

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

```
.background{ background-color:#04C852 }
```

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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