

Converting Colors

Decimal(313180)

Have a look what the booklet for
Decimal(313180) contains.

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Color

Decimal(313180)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 04C75C |
| RGB | 4, 199, 92 |
| RGB Percent | 2%, 78%, 36% |
| CMY | 0.9843, 0.2196, 0.6392 |
| CMYK | 0.98, 0.00, 0.54, 0.22 |
| HSL | 147°, 96%, 40% |
| HSV | 147°, 98%, 78% |
| XYZ | 22.4053, 41.6454, 16.9827 |
| YIQ | 128.4970, -81.8730, -74.6170 |

Conversions

Conversions Part 2

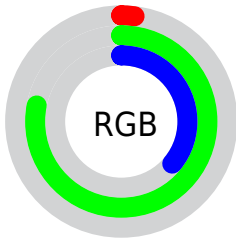
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 4, 138, 199 |
| Decimal | 313180 |
| CIELab | 70.63, -64.52, 41.70 |
| CIELCh | 71, 76.819, 147.126 |
| Yxy | 41.6454, 0.2765, 0.5139 |
| Android (android.graphics.Color) | 4278503260 (0xFF04C75C) |
| YUV | 128.4970, -17.9930, -109.1839 |
| Hunter-Lab | 64.5332, -50.9598, 29.5704 |

Details

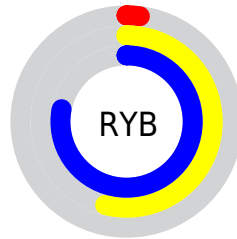
The Decimal color **313180** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **13042799**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **6684560**, and **36649** is the 20% darker color. If you saturate the color by 10%, you get **51034**, and if you desaturate by 10%, it is **1623911**.

Distribution



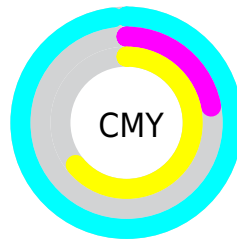
- Red (2%)
- Green (78%)
- Blue (36%)



- Red (2%)
- Yellow (54%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (54%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 313180 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 313180 by changing the saturation by 10% instead.

 313180  313180

16777215  43843

 6684560  36649

 8781740  29965

 10813384  23040

 12845028  16640

 14876671  10752

 1024

 0

 313180  313180

■ 51034

■ 1623911

■ 2934642

■ 4245373

■ 5556104

■ 6866835

■ 8112030

■ 9422760

■ 10733491

■ 12044222

Harmonies

Analogous

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



9485078



313180



52388

Triad

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



313180



47103



16739953

Complementary

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



313180



13042799

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.



16737719



313180



10329599

Square

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



313180



50943



16415994



16747315

Rectangle

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



313180



52692



16415994



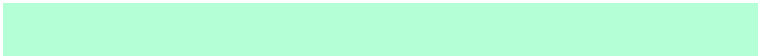
16738184

Sweetspot

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



313180



11927510



7325444



5472359



0



8421504

Same Dimension

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



313180



65395



313277



5923678



41802



9232

Inverse Universe

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



13042799



16711820



13042702



6511199



10682458



2359316

Previews

White Background



This preview shows how the Decimal color 313180 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



This preview shows how the Decimal color 313180 looks on a 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 313180 Background



This preview shows how black text looks on a background with the Decimal color 313180.



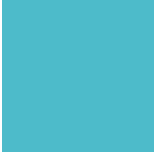
This preview shows how white text looks on a background with the Decimal color 313180.

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



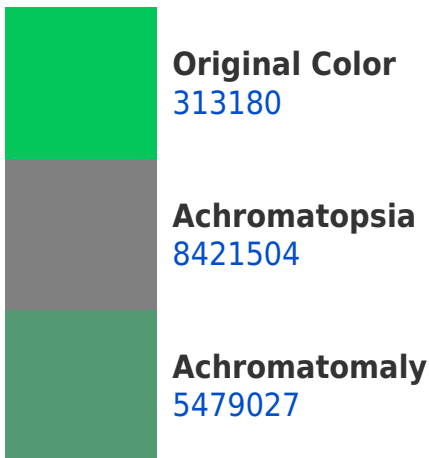


Tritanopia
5094346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 313180 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 #04C75C looks like.

```
.text, #text, p{  
    color:#04C75C  
}
```

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 #04C75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C75C
}
```

Border

The CSS property to change the border of an element to Decimal 313180 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".

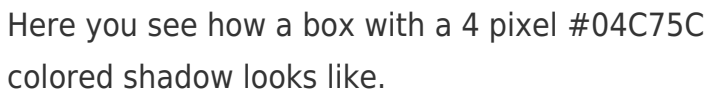
```
.border, #border, table{ border:4px solid
#04C75C }
```

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

```
.border{ border-color:#04C75C }
```

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

Here you see how a box with a 4 pixel #04C75C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C75C; -webkit-box-shadow:4px 4px  
4px 4px #04C75C; box-shadow:4px 4px 4px  
4px #04C75C }
```

Background

The CSS property to change the background color of an element to Decimal 313180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C75C }
```

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

```
.background{ background-color:#04C75C }
```

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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