

Converting Colors

Decimal(311040)

Have a look what the booklet for
Decimal(311040) contains.

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Color

Decimal(311040)

Conversions

Conversions Part 1

Format	Color
Hex	04BF00
RGB	4, 191, 0
RGB Percent	2%, 75%, 0%
CMY	0.9843, 0.2510, 1.0000
CMYK	0.98, 0.00, 1.00, 0.25
HSL	119°, 100%, 37%
HSV	119°, 100%, 75%
XYZ	18.6809, 37.2874, 6.2126
YIQ	113.3130, -50.1410, -99.0450

Conversions

Conversions Part 2

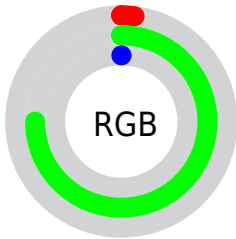
Format	Color
RYB	0, 191, 187
Decimal	311040
CIELab	67.49, -69.17, 66.96
CIELCh	67, 96.270, 135.933
Yxy	37.2874, 0.3004, 0.5997
Android (android.graphics.Color)	4278501120 (0xFF04BF00)
YUV	113.3130, -55.8633, -95.8675
Hunter-Lab	61.0634, -52.2532, 36.7122

Details

The Decimal color **311040** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **12255423**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **6748494**, and **34816** is the 20% darker color. If you saturate the color by 10%, you get **311040**, and if you desaturate by 10%, it is **1556243**.

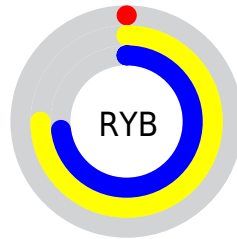
Distribution



Red (2%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (73%)

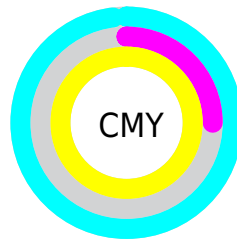


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (98%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 311040 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 311040 by changing the saturation by 10% instead.

 311040  311040



16777215  41728

 6748494  34816

 8912747  27904


 10944391  21248

 12976036  15104

 15007680  8448

 16777182  0

 16777211

 311040

 1556243

 2735910


 3981113

 5226316

 6405984

 7651187

 8896390

 10141593

 11321260

Harmonies

Analogous

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



10268416



311040



51063

Triad

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



311040



48127



16723323

Complementary

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



311040



12255423

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.



16726225



311040



41215

Square

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



311040



51199



14644223



16737571

Rectangle

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



311040



51636



14644223



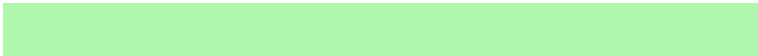
16720535

Sweetspot

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



311040



11532205



12564736



5340496



16579836



8224125

Same Dimension

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



311040



390912



48985



5594709



237056



73472

Inverse Universe

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



12255423



15859959



12517478



6182238



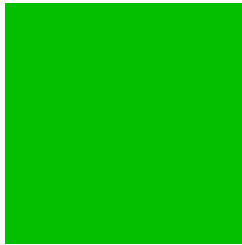
10158238



1966111

Previews

White Background



This preview shows how the Decimal color 311040 looks on a white background.

Color Contrast Check

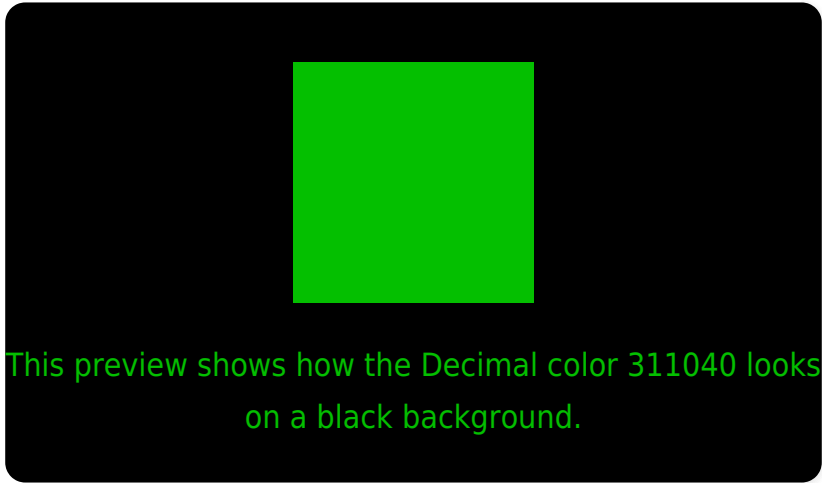
Large Text (above 18pt) WCAG AA × Fail

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

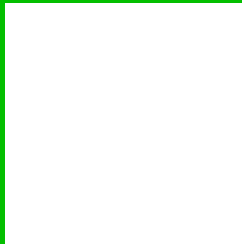
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 311040 Background



This preview shows how black text looks on a background with the Decimal color 311040.

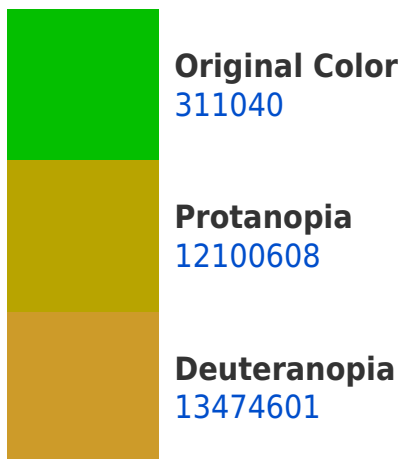


This preview shows how white text looks on a background with the Decimal color 311040.

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
5288640

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 311040 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 #04BF00 looks like.

```
.text, #text, p{  
    color:#04BF00  
}
```

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 #04BF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BF00
}
```

Border

The CSS property to change the border of an element to Decimal 311040 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".

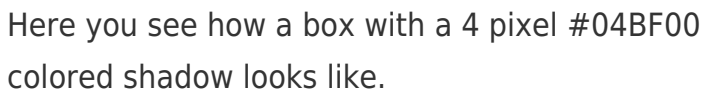
```
.border, #border, table{ border:4px solid
#04BF00 }
```

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

```
.border{ border-color:#04BF00 }
```

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

Here you see how a box with a 4 pixel #04BF00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides, and a thin green border on the right side. The shadow is a solid green color, matching the border, and is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BF00; -webkit-box-shadow:4px 4px  
4px 4px #04BF00; box-shadow:4px 4px 4px  
4px #04BF00 }
```

Background

The CSS property to change the background color of an element to Decimal 311040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BF00 }
```

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

```
.background{ background-color:#04BF00 }
```

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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