

Converting Colors

Decimal(3231006)

Have a look what the booklet for
Decimal(3231006) contains.

Decimal(3231006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3231006)

Conversions

Conversions Part 1

Format	Color
Hex	314D1E
RGB	49, 77, 30
RGB Percent	19%, 30%, 12%
CMY	0.8078, 0.6980, 0.8824
CMYK	0.36, 0.00, 0.61, 0.70
HSL	96°, 44%, 21%
HSV	96°, 61%, 30%
XYZ	4.1548, 6.0545, 2.1779
YIQ	63.2700, -1.6010, -20.5530

Conversions

Conversions Part 2

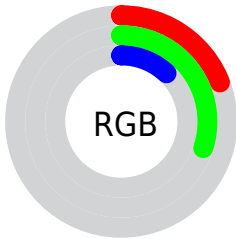
Format	Color
R_{YB}	30, 77, 58
Decimal	3231006
CIE Lab	29.55, -20.20, 24.24
CIE LCh	30, 31.556, 129.803
Yxy	6.0545, 0.3354, 0.4888
Android (android.graphics.Color)	4281421086 (0xFF314D1E)
YUV	63.2700, -16.4021, -12.5148
Hunter-Lab	24.6058, -12.9193, 11.9761

Details

The Decimal color **3231006** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3808845**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **6389324**, and **73984** is the 20% darker color. If you saturate the color by 10%, you get **2903318**, and if you desaturate by 10%, it is **3558694**.

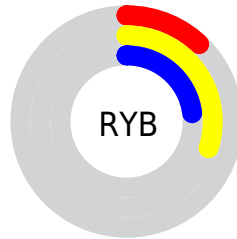
Distribution



Red (19%)

Green (30%)

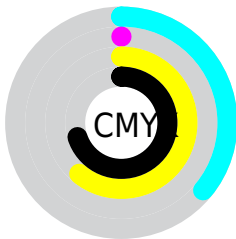
Blue (12%)



Red (12%)

Yellow (30%)

Blue (23%)

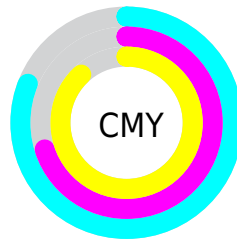


Cyan (36%)

Magenta (0%)

Yellow (61%)

Black (70%)



Cyan (81%)

Magenta (70%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3231006 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 3231006 by changing the saturation by 10% instead.

■ 3231006

■ 3231006

16777215

■ 1717767

■ 6389324

■ 73984

■ 8099940

■ 0

■ 9810813

■ 11587479

■ 13364146

■ 15269838

■ 16777194

■ 3231006

■ 3231006

■ 2903318

■ 3558694

■ 2641167

■ 3820845

■ 2313479

■ 4148533

■ 2051328

■ 4410685

■ 4738373

■ 5066060

■ 5328212

■ 5655900

■ 5918051

Harmonies

Analogous

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



4933394



3231006



20532

Triad

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



3231006



19827



7548991

Complementary

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



3231006



3808845

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.



6894423



3231006



2508406

Square

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



3231006



20836



5389419



7288103

Rectangle

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



3231006



21061



5389419



7417927

Sweetspot

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



3231006



5858130



5060894



2896680



11776947



3355443

Same Dimension

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



3231006



3695387



1985826



2369058



2713088



6153728

Inverse Universe

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



3808845



4594531



5054025



2433574



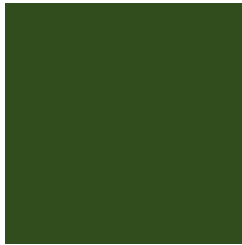
3997798



8978662

Previews

White Background



This preview shows how the Decimal color 3231006 looks on a white background.

Color Contrast Check

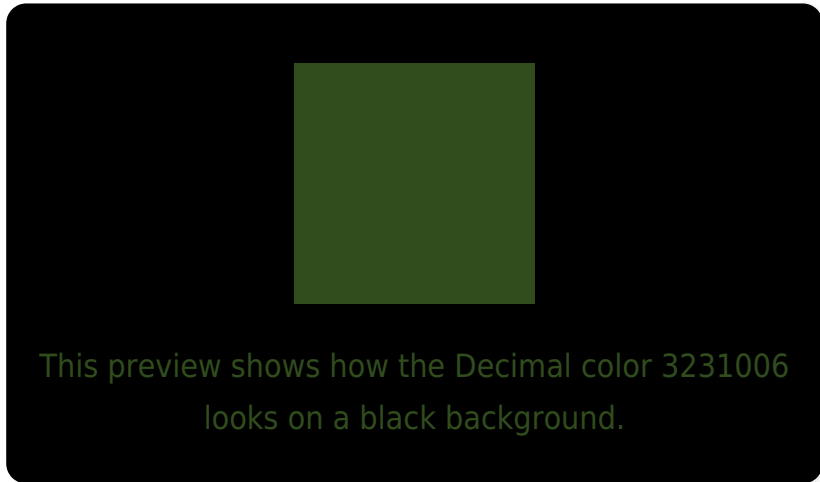
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

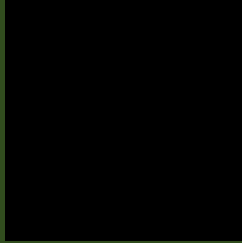
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 3231006 Background



This preview shows how black text looks on a background with the Decimal color 3231006.



This preview shows how white text looks on a background with the Decimal color 3231006.

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



Original Color
3231006

Protanopia
5064220

Deuteranopia
5653025

Trichromacy



Original Color
3231006

Protanomaly
4409629

Deuteranomaly
4802080

Tritanomaly
3492413

Monochromacy



Original Color
3231006

Achromatopsia
4144959

Achromatomaly
3818547

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3231006 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 #314D1E looks like.

```
.text, #text, p{  
    color:#314D1E  
}
```

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 #314D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314D1E
}
```

Border

The CSS property to change the border of an element to Decimal 3231006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

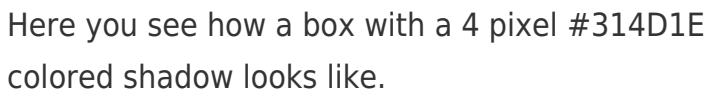
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314D1E }
```

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

```
.border{ border-color:#314D1E }
```

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



Here you see how a box with a 4 pixel #314D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314D1E; -webkit-box-shadow:4px 4px  
4px 4px #314D1E; box-shadow:4px 4px 4px  
4px #314D1E }
```

Background

The CSS property to change the background color of an element to Decimal 3231006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314D1E }
```

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

```
.background{ background-color:#314D1E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor