

Converting Colors

Decimal(2380314)

Have a look what the booklet for
Decimal(2380314) contains.

Decimal(2380314)	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(2380314)

Conversions

Conversions Part 1

Format	Color
Hex	24521A
RGB	36, 82, 26
RGB Percent	14%, 32%, 10%
CMY	0.8588, 0.6784, 0.8980
CMYK	0.56, 0.00, 0.68, 0.68
HSL	109°, 52%, 21%
HSV	109°, 68%, 32%
XYZ	3.9313, 6.4842, 2.0217
YIQ	61.8620, -9.4400, -27.1680

Conversions

Conversions Part 2

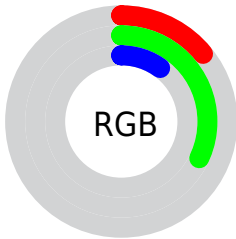
Format	Color
RYB	26, 82, 72
Decimal	2380314
CIELab	30.60, -27.96, 27.39
CIELCh	31, 39.138, 135.588
Yxy	6.4842, 0.3161, 0.5214
Android (android.graphics.Color)	4280570394 (0xFF24521A)
YUV	61.8620, -17.6800, -22.6810
Hunter-Lab	25.4642, -17.0045, 13.1177

Details

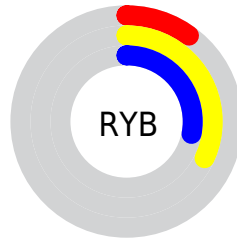
The Decimal color **2380314** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4725330**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **5669960**, and **9472** is the 20% darker color. If you saturate the color by 10%, you get **1921554**, and if you desaturate by 10%, it is **2839074**.

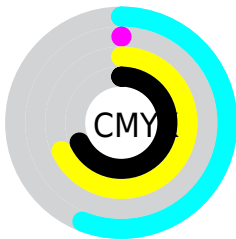
Distribution



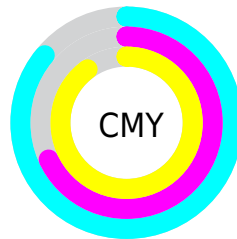
- Red (14%)
- Green (32%)
- Blue (10%)



- Red (10%)
- Yellow (32%)
- Blue (28%)



- Cyan (56%)
- Magenta (0%)
- Yellow (68%)
- Black (68%)



- Cyan (86%)
- Magenta (68%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2380314 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 2380314 by changing the saturation by 10% instead.

■ 2380314

■ 2380314

16777215

■ 604930

■ 5669960

■ 9472

■ 7315040

■ 1024

■ 9025914

■ 0

■ 10802580

■ 12645039

■ 14483402

■ 16383974

■ 2380314

■ 2380314

■ 1921554

■ 2839074

■ 1528330

■ 3232298

■ 1069569

■ 3691059

■ 1004032

■ 4149819

■ 4608579

■ 5001803

■ 5460563

■ 5919324

■ 6378084

Harmonies

Analogous

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



4737795



2380314



21816

Triad

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



2380314



20611



8333881

Complementary

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



2380314



4725330

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.



7875672



2380314



2639491

Square

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



2380314



21875



6175091



7812125

Rectangle

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



2380314



22093



6175091



8268100

Sweetspot

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



2380314



5925718



5392410



2831913



11908533



3552822

Same Dimension

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



2380314



2321171



1724972



2435365



1272064



2746368

Inverse Universe

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



4725330



5968747



5380672



2630953



5636201



12517608

Previews

White Background



This preview shows how the Decimal color 2380314 looks on a white background.

Color Contrast Check

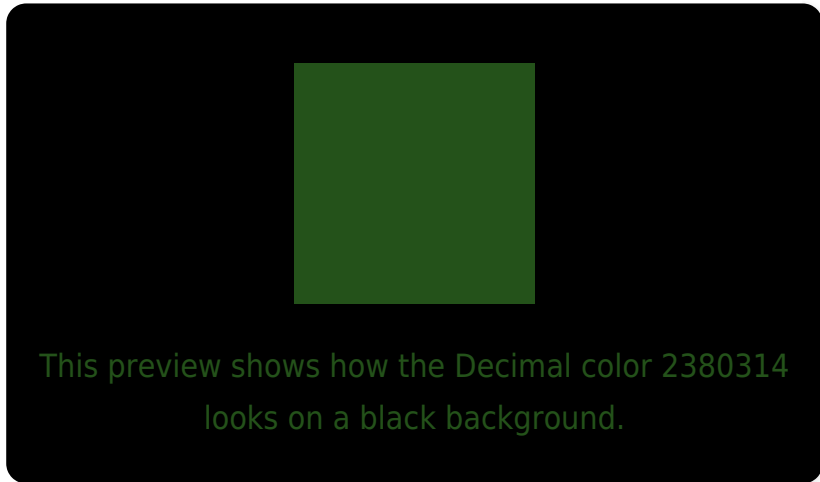
Large Text (above 18pt) WCAG AA ✓ Pass

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

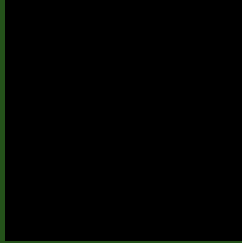
Any Text WCAG AA × Fail

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 2380314 Background



This preview shows how black text looks on a background with the Decimal color 2380314.



This preview shows how white text looks on a background with the Decimal color 2380314.

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
2380314

Protanopia
5261335

Deuteranopia
5850143

Trichromacy



Original Color
2380314

Protanomaly
4213784

Deuteranomaly
4606237

Tritanomaly
2903870

Monochromacy



Original Color
2380314

Achromatopsia
4079166

Achromatomaly
3491121

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2380314 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 #24521A looks like.

```
.text, #text, p{  
    color:#24521A  
}
```

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 #24521A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24521A
}
```

Border

The CSS property to change the border of an element to Decimal 2380314 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".

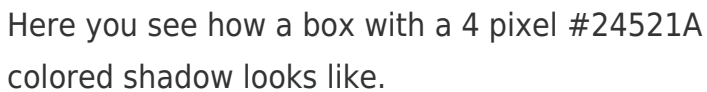
```
.border, #border, table{ border:4px solid
#24521A }
```

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

```
.border{ border-color:#24521A }
```

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

Here you see how a box with a 4 pixel #24521A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24521A; -webkit-box-shadow:4px 4px  
4px 4px #24521A; box-shadow:4px 4px 4px  
4px #24521A }
```

Background

The CSS property to change the background color of an element to Decimal 2380314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24521A }
```

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

```
.background{ background-color:#24521A }
```

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