

Converting Colors

Decimal(4628315)

Have a look what the booklet for
Decimal(4628315) contains.

Decimal(4628315)	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(4628315)

Conversions

Conversions Part 1

Format	Color
Hex	469F5B
RGB	70, 159, 91
RGB Percent	27%, 62%, 36%
CMY	0.7255, 0.3765, 0.6431
CMYK	0.56, 0.00, 0.43, 0.38
HSL	134°, 39%, 45%
HSV	134°, 56%, 62%
XYZ	16.8123, 26.8537, 14.1947
YIQ	124.6370, -31.2160, -40.0160

Conversions

Conversions Part 2

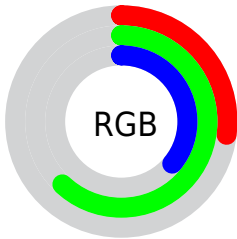
Format	Color
RYB	70, 142, 159
Decimal	4628315
CIELab	58.84, -41.91, 27.62
CIELCh	59, 50.192, 146.612
Yxy	26.8537, 0.2906, 0.4641
Android (android.graphics.Color)	4282818395 (0xFF469F5B)
YUV	124.6370, -16.5830, -47.9166
Hunter-Lab	51.8206, -32.7748, 20.0336

Details

The Decimal color **4628315** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10438282**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **8246926**, and **27436** is the 20% darker color. If you saturate the color by 10%, you get **3579727**, and if you desaturate by 10%, it is **5676903**.

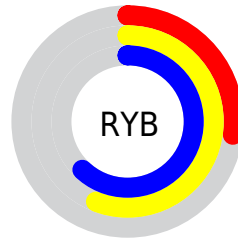
Distribution



Red (27%)

Green (62%)

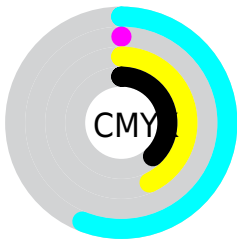
Blue (36%)



Red (27%)

Yellow (56%)

Blue (62%)

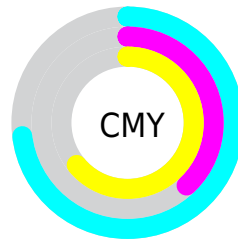


Cyan (56%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (73%)

Magenta (38%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4628315 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 4628315 by changing the saturation by 10% instead.



4628315



4628315

16777215



2655299



8246926



27436



10089385



21013



11927492



14592



13828064



9472



15728637



0



4628315



4628315



3579727



5676903



2531139



6725491

■ 1482551

■ 7774079

■ 433962

■ 8822668

■ 40742

■ 9871256

■ 10854308

■ 11902896

■ 12951484

■ 14000072

Harmonies

Analogous

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



8361786



4628315



41863

Triad

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



4628315



365797



14576233

Complementary

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



4628315



10438282

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.



14378900



4628315



8881372

Square

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



4628315



40662



12546751



13400388

Rectangle

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



4628315



41893



12546751



14641015

Sweetspot

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



4628315



11259828



9084742



5531993



15263976



6908265

Same Dimension

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



4628315



4509541



4628359



4673353



36642



3844

Inverse Universe

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



10438282



13583534



10438238



5195597



9371757



983052

Previews

White Background



This preview shows how the Decimal color 4628315 looks on a white background.

Color Contrast Check

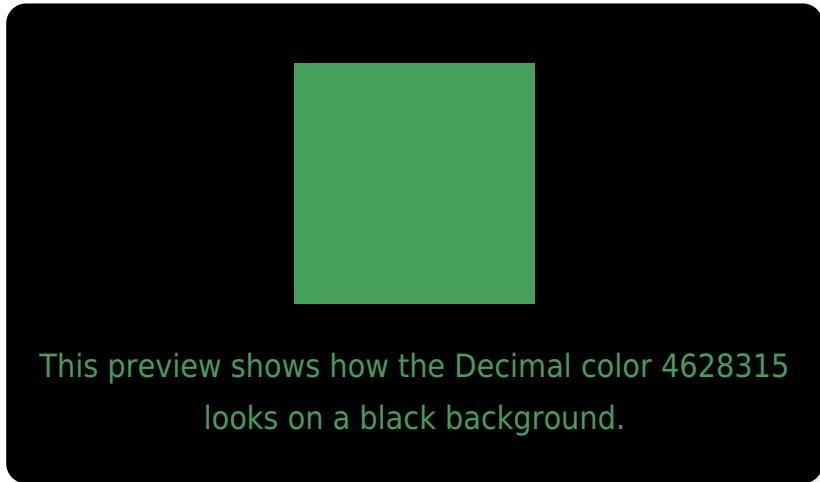
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Decimal 4628315 Background



This preview shows how black text looks on a background with the Decimal color 4628315.

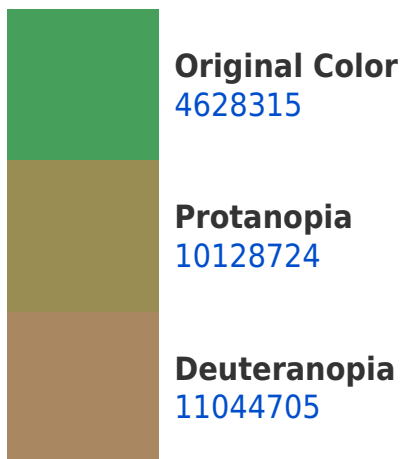


This preview shows how white text looks on a background with the Decimal color 4628315.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4628315 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 #469F5B looks like.

```
.text, #text, p{  
    color:#469F5B  
}
```

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 #469F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469F5B
}
```

Border

The CSS property to change the border of an element to Decimal 4628315 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
#469F5B }
```

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

```
.border{ border-color:#469F5B }
```

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

Here you see how a box with a 4 pixel #469F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469F5B; -webkit-box-shadow:4px 4px  
4px 4px #469F5B; box-shadow:4px 4px 4px  
4px #469F5B }
```

Background

The CSS property to change the background color of an element to Decimal 4628315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469F5B }
```

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

```
.background{ background-color:#469F5B }
```

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