

Converting Colors

Decimal(4702314)

Have a look what the booklet for
Decimal(4702314) contains.

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Color

Decimal(4702314)

Conversions

Conversions Part 1

Format	Color
Hex	47C06A
RGB	71, 192, 106
RGB Percent	28%, 75%, 42%
CMY	0.7216, 0.2471, 0.5843
CMYK	0.63, 0.00, 0.45, 0.25
HSL	137°, 49%, 52%
HSV	137°, 63%, 75%
XYZ	24.0497, 40.0795, 20.1042
YIQ	146.0170, -44.5100, -52.3980

Conversions

Conversions Part 2

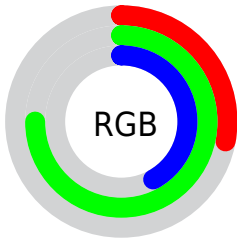
Format	Color
RYB	71, 165, 192
Decimal	4702314
CIELab	69.53, -52.40, 33.57
CIELCh	70, 62.232, 147.352
Yxy	40.0795, 0.2855, 0.4758
Android (android.graphics.Color)	4282892394 (0xFF47C06A)
YUV	146.0170, -19.7284, -65.7899
Hunter-Lab	63.3084, -42.9807, 25.4877

Details

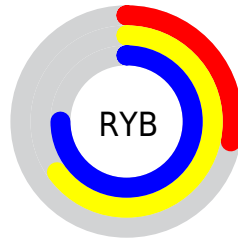
The Decimal color **4702314** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **12601245**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8649118**, and **35129** is the 20% darker color. If you saturate the color by 10%, you get **3457116**, and if you desaturate by 10%, it is **5947512**.

Distribution



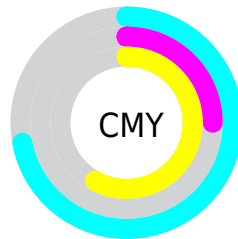
- Red (28%)
- Green (75%)
- Blue (42%)



- Red (28%)
- Yellow (65%)
- Blue (75%)



- Cyan (63%)
- Magenta (0%)
- Yellow (45%)
- Black (25%)



- Cyan (72%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4702314 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 4702314 by changing the saturation by 10% instead.

 4702314

 4702314

16777215

 2335825

 8649118

 35129

 10551226

 28449

 12517334

 22022

 14417906

 15616

 16383999

 9984

 0

 4702314

 4702314

 3457116

 5947512

■ 2211919

■ 7192709

■ 901185

■ 8503443

■ 49208

■ 9748641

■ 10993838

■ 12239036

■ 13484234

■ 14794967

■ 16040165

Harmonies

Analogous

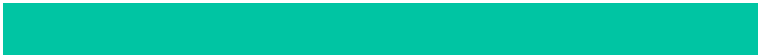
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9811518



4702314



50595

Triad

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



4702314



45823



16743545

Complementary

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



4702314



12601245

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.



16742065



4702314



10657279

Square

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



4702314



49151



15369704



16224330

Rectangle

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



4702314



50634



15369704



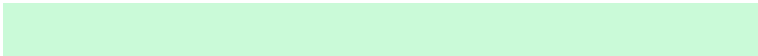
16742283

Sweetspot

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



4702314



13302488



10403911



6323561



16579836



8224125

Same Dimension

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



4702314



3996275



4702374



5726554



41262



8458

Inverse Universe

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



12601245



16399555



12601185



6379358



10551410



2162712

Previews

White Background



This preview shows how the Decimal color 4702314 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 4702314 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 4702314 Background



This preview shows how black text looks on a background with the Decimal color 4702314.

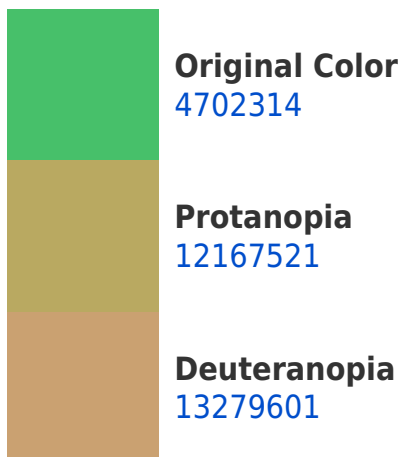


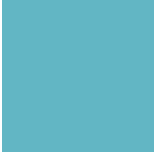
This preview shows how white text looks on a background with the Decimal color 4702314.

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](#).

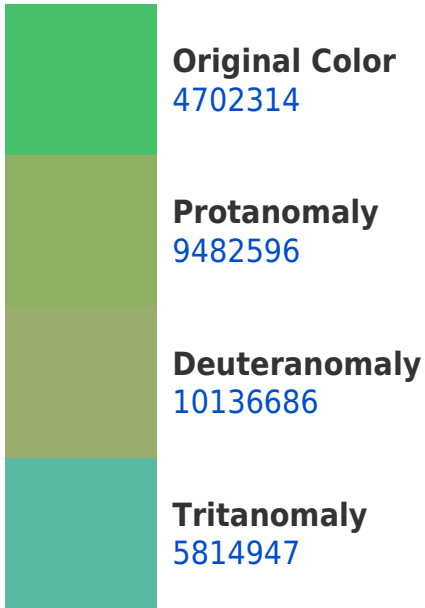
Dichromacy





Tritanopia
6469316

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4702314 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 #47C06A looks like.

```
.text, #text, p{  
    color:#47C06A  
}
```

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 #47C06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C06A
}
```

Border

The CSS property to change the border of an element to Decimal 4702314 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
#47C06A }
```

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

```
.border{ border-color:#47C06A }
```

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

Here you see how a box with a 4 pixel #47C06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C06A; -webkit-box-shadow:4px 4px  
4px 4px #47C06A; box-shadow:4px 4px 4px  
4px #47C06A }
```

Background

The CSS property to change the background color of an element to Decimal 4702314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C06A }
```

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

```
.background{ background-color:#47C06A }
```

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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