

Converting Colors

Decimal(4700241)

Have a look what the booklet for
Decimal(4700241) contains.

Decimal(4700241)	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(4700241)

Conversions

Conversions Part 1

Format	Color
Hex	47B851
RGB	71, 184, 81
RGB Percent	28%, 72%, 32%
CMY	0.7216, 0.2784, 0.6824
CMYK	0.61, 0.00, 0.56, 0.28
HSL	125°, 44%, 50%
HSV	125°, 61%, 72%
XYZ	21.2242, 36.2147, 13.6561
YIQ	138.4710, -34.2850, -55.9890

Conversions

Conversions Part 2

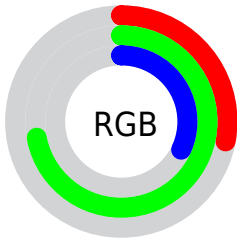
Format	Color
RYB	71, 175, 184
Decimal	4700241
CIELab	66.68, -53.05, 42.45
CIELCh	67, 67.942, 141.337
Yxy	36.2147, 0.2985, 0.5094
Android (android.graphics.Color)	4282890321 (0xFF47B851)
YUV	138.4710, -28.3332, -59.1721
Hunter-Lab	60.1786, -42.3579, 28.6706

Details

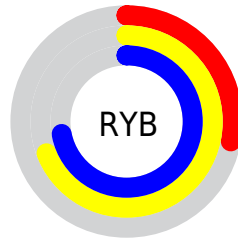
The Decimal color **4700241** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12076974**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **8581509**, and **33310** is the 20% darker color. If you saturate the color by 10%, you get **3520576**, and if you desaturate by 10%, it is **5879906**.

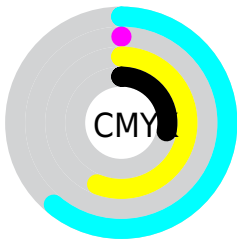
Distribution



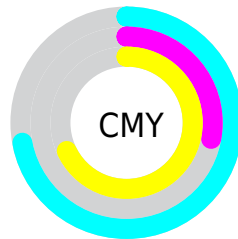
- Red (28%)
- Green (72%)
- Blue (32%)



- Red (28%)
- Yellow (69%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (56%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4700241 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 4700241 by changing the saturation by 10% instead.



4700241



4700241

16777215



2399544



8581509



33310



10485664



26624



12451771



19968



14352344



13824



16318453



7936



0



4700241



4700241



3520576



5879906

■ 2275375

■ 7125107

■ 1095711

■ 8304771

■ 47120

■ 9549972

■ 10729637

■ 11909302

■ 13154502

■ 14334167

■ 15579368

Harmonies

Analogous

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



9939998



4700241



48782

Triad

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



4700241



44799



16738937

Complementary

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



4700241



12076974

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.



16738487



4700241



8428031

Square

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



4700241



47871



14384879



16416835

Rectangle

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



4700241



49080



14384879



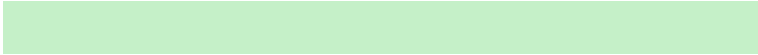
16737934

Sweetspot

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



4700241



12972232



11515975



6125664



16250871



7895160

Same Dimension

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



4700241



4124750



4700297



5463123



39950



7170

Inverse Universe

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



12076974



15744736



12076918



6050651



10223758



1835034

Previews

White Background



This preview shows how the Decimal color 4700241 looks on a white background.

Color Contrast Check

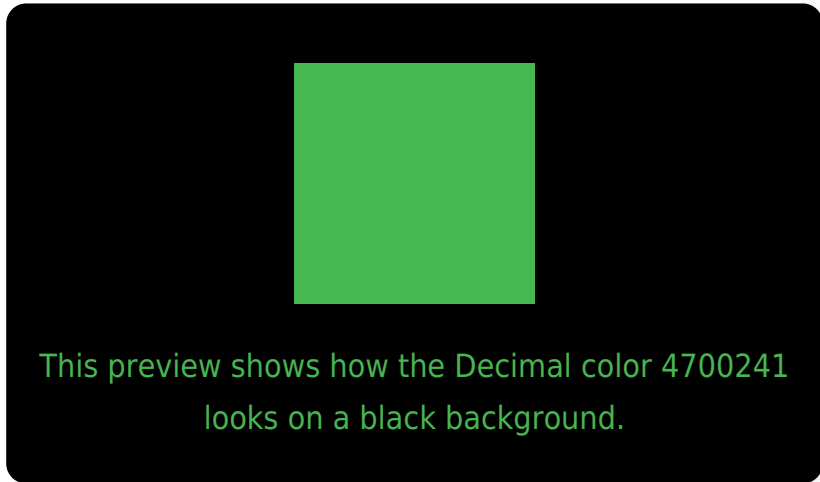
Large Text (above 18pt) WCAG AA × Fail

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

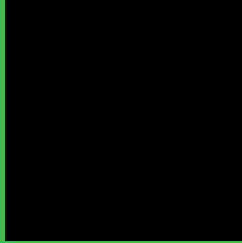
Any Text WCAG AA ✓ Pass

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 4700241 Background



This preview shows how black text looks on a background with the Decimal color 4700241.

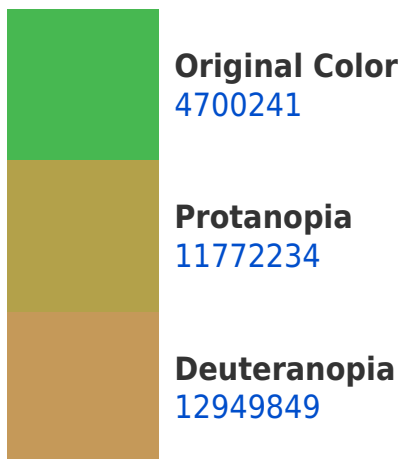


This preview shows how white text looks on a background with the Decimal color 4700241.

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](#).

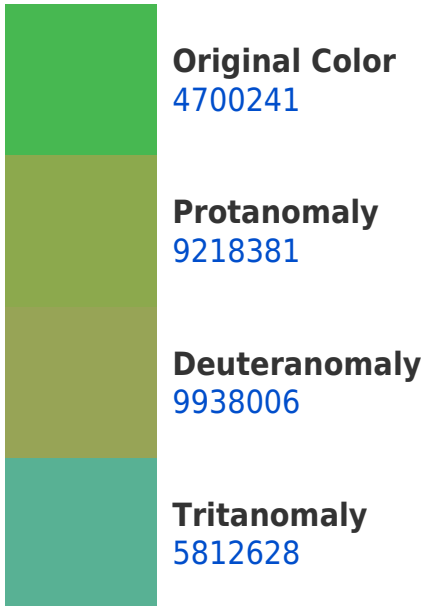
Dichromacy





Tritanopia
6467003

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4700241 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 #47B851 looks like.

```
.text, #text, p{  
    color:#47B851  
}
```

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 #47B851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B851
}
```

Border

The CSS property to change the border of an element to Decimal 4700241 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
#47B851 }
```

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

```
.border{ border-color:#47B851 }
```

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

Here you see how a box with a 4 pixel #47B851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B851; -webkit-box-shadow:4px 4px  
4px 4px #47B851; box-shadow:4px 4px 4px  
4px #47B851 }
```

Background

The CSS property to change the background color of an element to Decimal 4700241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B851 }
```

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

```
.background{ background-color:#47B851 }
```

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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