

Converting Colors

Decimal(4700254)

Have a look what the booklet for
Decimal(4700254) contains.

Decimal(4700254)	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(4700254)

Conversions

Conversions Part 1

Format	Color
Hex	47B85E
RGB	71, 184, 94
RGB Percent	28%, 72%, 37%
CMY	0.7216, 0.2784, 0.6314
CMYK	0.61, 0.00, 0.49, 0.28
HSL	132°, 44%, 50%
HSV	132°, 61%, 72%
XYZ	21.7594, 36.4287, 16.4743
YIQ	139.9530, -38.4580, -51.9460

Conversions

Conversions Part 2

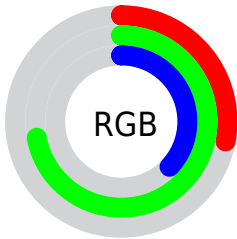
Format	Color
RYB	71, 165, 184
Decimal	4700254
CIELab	66.85, -51.22, 36.27
CIELCh	67, 62.762, 144.702
Yxy	36.4287, 0.2914, 0.4879
Android (android.graphics.Color)	4282890334 (0xFF47B85E)
YUV	139.9530, -22.6548, -60.4718
Hunter-Lab	60.3562, -41.2712, 26.0661

Details

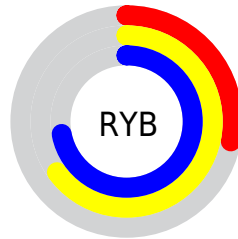
The Decimal color **4700254** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12076961**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **8581522**, and **33325** is the 20% darker color. If you saturate the color by 10%, you get **3520591**, and if you desaturate by 10%, it is **5879917**.

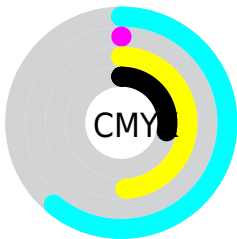
Distribution



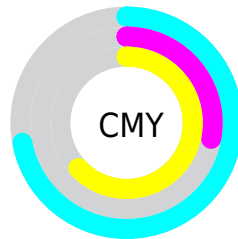
- Red (28%)
- Green (72%)
- Blue (37%)



- Red (28%)
- Yellow (65%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (49%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4700254 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 4700254 by changing the saturation by 10% instead.



4700254



4700254

16777215



2399557



8581522



33325



10485677



26644



12386249



20224



14286821



13824



16252927



8192



0



4700254



4700254



3520591



5879917

■ 2275393

■ 7125115

■ 1095730

■ 8304778

■ 47141

■ 9549977

■ 10729639

■ 11909302

■ 13154501

■ 14334163

■ 15579362

Harmonies

Analogous

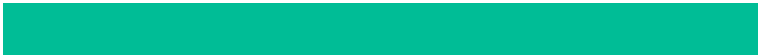
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9678130



4700254



48534

Triad

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



4700254



44287



16740983

Complementary

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



4700254



12076961

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.



16740271



4700254



9607423

Square

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



4700254



47358



14581989



15894086

Rectangle

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



4700254



48830



14581989



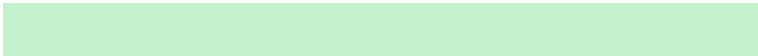
16740233

Sweetspot

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



4700254



12972237



10598471



6125667



16250871



7895160

Same Dimension

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



4700254



4124770



4700310



5463124



39968



7174

Inverse Universe

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



12076961



15744716



12076905



6050650



10223740



1835030

Previews

White Background



This preview shows how the Decimal color 4700254 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 4700254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

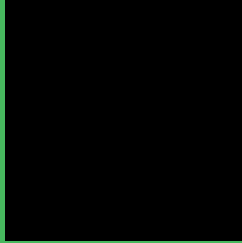
Any Text WCAG AA ✓ Pass

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 4700254 Background



This preview shows how black text looks on a background with the Decimal color 4700254.

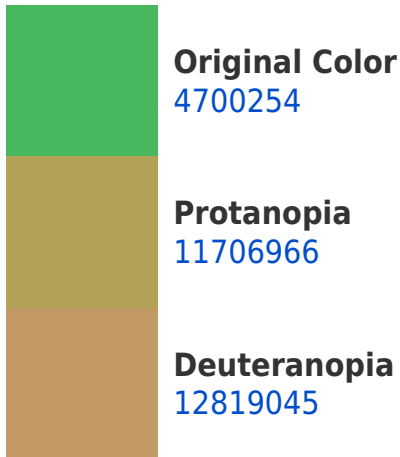


This preview shows how white text looks on a background with the Decimal color 4700254.

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
6401724

Trichromacy



Original Color

4700254



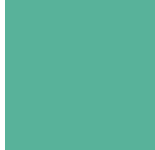
Protanomaly

9153113



Deuteranomaly

9872738



Tritanomaly

5812890

Monochromacy



Original Color

4700254



Achromatopsia

9211020



Achromatomaly

7576699

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4700254 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 #47B85E looks like.

```
.text, #text, p{  
  color:#47B85E  
}
```

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 #47B85E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B85E
}
```

Border

The CSS property to change the border of an element to Decimal 4700254 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
#47B85E }
```

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

```
.border{ border-color:#47B85E }
```

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

Here you see how a box with a 4 pixel #47B85E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B85E; -webkit-box-shadow:4px 4px  
4px 4px #47B85E; box-shadow:4px 4px 4px  
4px #47B85E }
```

Background

The CSS property to change the background color of an element to Decimal 4700254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B85E }
```

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

```
.background{ background-color:#47B85E }
```

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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