

# Converting Colors

Decimal(4700048)

Have a look what the booklet for  
Decimal(4700048) contains.

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# Color

**Decimal(4700048)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 47B790                       |
| RGB         | 71, 183, 144                 |
| RGB Percent | 28%, 72%, 56%                |
| CMY         | 0.7216, 0.2824, 0.4353       |
| CMYK        | 0.61, 0.00, 0.21, 0.28       |
| HSL         | 159°, 44%, 50%               |
| HSV         | 159°, 61%, 72%               |
| XYZ         | 24.5661, 37.2202, 32.2750    |
| YIQ         | 145.0660, -54.2330, -35.8730 |

# Conversions

## Conversions Part 2

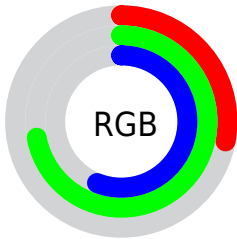
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">71, 139, 183</a>                    |
| Decimal                             | <a href="#">4700048</a>                         |
| CIELab                              | <a href="#">67.44, -41.17, 10.51</a>            |
| CIElCh                              | <a href="#">67, 42.490, 165.674</a>             |
| Yxy                                 | <a href="#">37.2202, 0.2612,<br/>0.3957</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4282890128<br/>(0xFF47B790)</a>     |
| YUV                                 | <a href="#">145.0660, -0.5255,<br/>-64.9559</a> |
| Hunter-Lab                          | <a href="#">61.0083, -34.8885,<br/>11.3399</a>  |

# Details

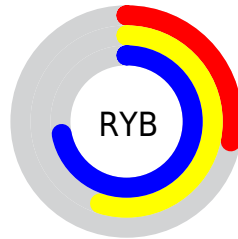
The Decimal color **4700048** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12011374**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **8581318**, and **33118** is the 20% darker color. If you saturate the color by 10%, you get **3520394**, and if you desaturate by 10%, it is **5879702**.

# Distribution



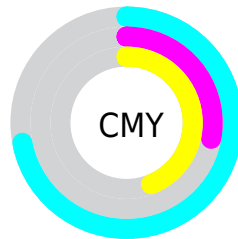
- Red (28%)
- Green (72%)
- Blue (56%)



- Red (28%)
- Yellow (55%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4700048 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 4700048 by changing the saturation by 10% instead.





4700048



4700048

16777215



2464886



8581318



33118



10485730



26438



12386303



20016



14286847



13851



16252927



8448



0



4700048



4700048



3520394



5879702

■ 2275203

■ 7124893

■ 1095549

■ 8304547

■ 46967

■ 9484201

■ 10729392

■ 11909046

■ 13088701

■ 14268355

■ 15513545

# Harmonies

## Analogous

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



8237677



4700048



47288

# Triad

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



4700048



9150958



15044207

# Complementary

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



4700048



12011374

# 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.



15632017



4700048



12686298

# Square

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



4700048



4042222



14911672



13409370

# Rectangle

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



470048



47056



14911672



15371130



# Sweetspot

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



4700048



12774878



7255879



6125679



16250871



7895160



# Same Dimension

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



4700048



4255153



4695735



5463129



40037



7186



# Inverse Universe

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



12011374



15548540



12015687



6050646



10223670

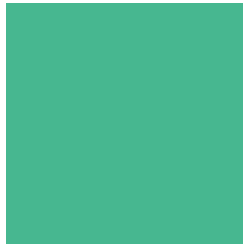


1835018



# Previews

## White Background



This preview shows how the Decimal color 4700048 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 4700048 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

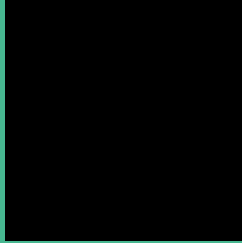
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4700048 Background



This preview shows how black text looks on a background with the Decimal color 4700048.

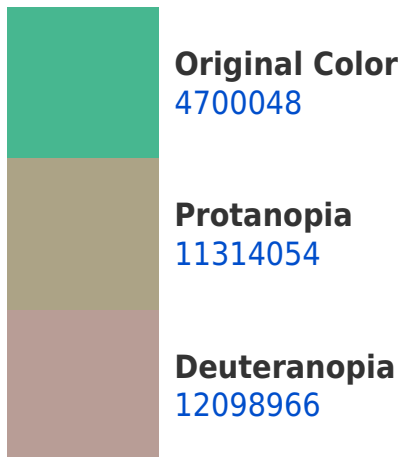


This preview shows how white text looks on a background with the Decimal color 4700048.

# 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**  
5812671

# Trichromacy



**Original Color**  
4700048



**Protanomaly**  
8891018



**Deuteranomaly**  
9414292



**Tritanomaly**  
5419950

# Monochromacy



**Original Color**  
4700048



**Achromatopsia**  
9539985



**Achromatomaly**  
7774097

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4700048 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 #47B790 looks like.

```
.text, #text, p{  
    color:#47B790  
}
```

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 #47B790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B790
}
```

## Border

The CSS property to change the border of an element to Decimal 4700048 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
#47B790 }
```

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

```
.border{ border-color:#47B790 }
```

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

Here you see how a box with a 4 pixel #47B790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B790; -webkit-box-shadow:4px 4px  
4px 4px #47B790; box-shadow:4px 4px 4px  
4px #47B790 }
```

# Background

The CSS property to change the background color of an element to Decimal 4700048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B790 }
```

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

```
.background{ background-color:#47B790 }
```

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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