

# Converting Colors

Decimal(4708012)

Have a look what the booklet for  
Decimal(4708012) contains.

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# **Color**

**Decimal(4708012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47D6AC
RGB	71, 214, 172
RGB Percent	28%, 84%, 67%
CMY	0.7216, 0.1608, 0.3255
CMYK	0.67, 0.00, 0.20, 0.16
HSL	162°, 64%, 56%
HSV	162°, 67%, 84%
XYZ	34.0915, 52.4113, 47.3493
YIQ	166.4550, -71.7460, -43.3780

# Conversions

## Conversions Part 2

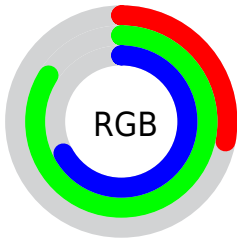
Format	Color
<a href="#">RYB</a>	<a href="#">71, 155, 214</a>
Decimal	<a href="#">4708012</a>
CIELab	<a href="#">77.53, -47.88, 9.73</a>
CIELCh	<a href="#">78, 48.854, 168.514</a>
Yxy	<a href="#">52.4113, 0.2547, 0.3916</a>
Android (android.graphics.Color)	<a href="#">4282898092 (0xFF47D6AC)</a>
YUV	<a href="#">166.4550, 2.7337, -83.7140</a>
Hunter-Lab	<a href="#">72.3956, -42.6358, 11.8992</a>

# Details

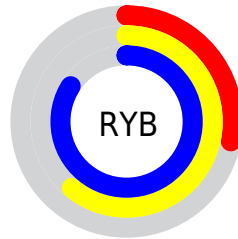
The Decimal color **4708012** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **14042993**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **8912867**, and **40568** is the 20% darker color. If you saturate the color by 10%, you get **3331750**, and if you desaturate by 10%, it is **6084274**.

# Distribution



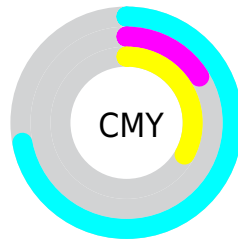
- Red (28%)
- Green (84%)
- Blue (67%)



- Red (28%)
- Yellow (61%)
- Blue (84%)



- Cyan (67%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (72%)
- Magenta (16%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4708012 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 4708012 by changing the saturation by 10% instead.





4708012



4708012

16777215



1817233



8912867



40568



10878975



33631



12845055



26951



14876671



20529



14364



8706



0



4708012



4708012

■ 3331750

■ 6084274

■ 1889951

■ 7526073

■ 513689

■ 8902335

■ 54935

■ 10344133

■ 11720395

■ 13096658

■ 14538456

■ 15914718

■ 16766693

# Harmonies

## Analogous

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



9228418



4708012



55259

# Triad

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



4708012



11123455



16754557

# Complementary

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



4708012



14042993

# 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.



16751781



4708012



15182332

# Square

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



4708012



5097983



16752083



15447910

# Rectangle

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



4708012



54775



16752083



16753289

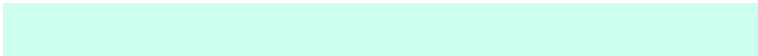


# Sweetspot

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



4708012



13434864



7525959



6389879



0



8421504



# Same Dimension

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



4708012



3407811



4700630



6318952



43897



11039



# Inverse Universe

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



14042993



16724847



14050375



7037028



11206706

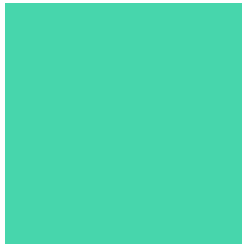


2818061



# Previews

## White Background



This preview shows how the Decimal color 4708012 looks on a white background.

## Color Contrast Check

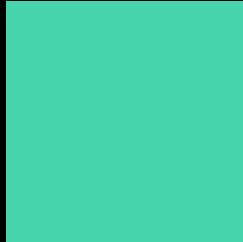
Large Text (above 18pt) WCAG AA × Fail

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 4708012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

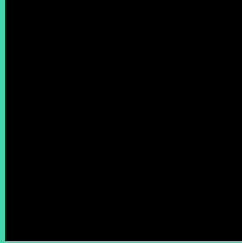
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

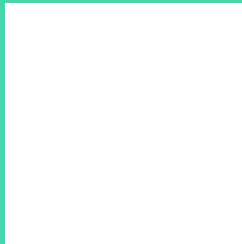
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4708012 Background



This preview shows how black text looks on a background with the Decimal color 4708012.

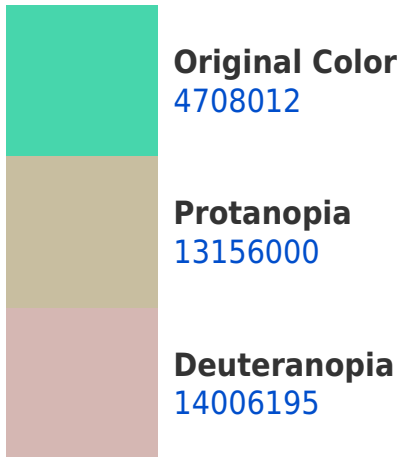


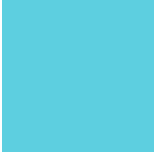
This preview shows how white text looks on a background with the Decimal color 4708012.

# 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](#).

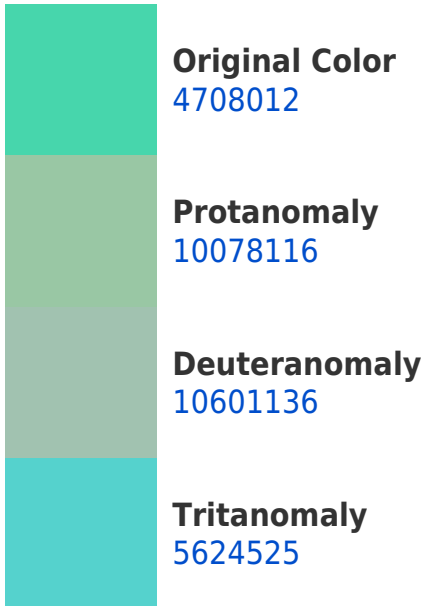
## Dichromacy





**Tritanopia**  
6148064

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4708012 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 #47D6AC looks like.

```
.text, #text, p{  
    color:#47D6AC  
}
```

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 #47D6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D6AC
}
```

## Border

The CSS property to change the border of an element to Decimal 4708012 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
#47D6AC }
```

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

```
.border{ border-color:#47D6AC }
```

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

Here you see how a box with a 4 pixel #47D6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D6AC; -webkit-box-shadow:4px 4px  
4px 4px #47D6AC; box-shadow:4px 4px 4px  
4px #47D6AC }
```

# Background

The CSS property to change the background color of an element to Decimal 4708012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D6AC }
```

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

```
.background{ background-color:#47D6AC }
```

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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