

# Converting Colors

Decimal(4768178)

Have a look what the booklet for  
Decimal(4768178) contains.

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# Color

**Decimal(4768178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48C1B2
RGB	72, 193, 178
RGB Percent	28%, 76%, 70%
CMY	0.7176, 0.2431, 0.3020
CMYK	0.63, 0.00, 0.08, 0.24
HSL	173°, 49%, 52%
HSV	173°, 63%, 76%
XYZ	29.7783, 42.7320, 48.7981
YIQ	155.1110, -67.3010, -30.3170

# Conversions

## Conversions Part 2

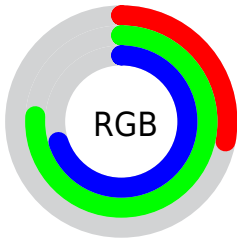
Format	Color
<a href="#">RYB</a>	<a href="#">72, 136, 193</a>
Decimal	<a href="#">4768178</a>
CIELab	<a href="#">71.37, -37.01, -2.41</a>
CIELCh	<a href="#">71, 37.093, 183.727</a>
Yxy	<a href="#">42.7320, 0.2455, 0.3523</a>
Android (android.graphics.Color)	<a href="#">4282958258 (0xFF48C1B2)</a>
YUV	<a href="#">155.1110, 11.2843, -72.8883</a>
Hunter-Lab	<a href="#">65.3697, -33.0836, 1.4992</a>

# Details

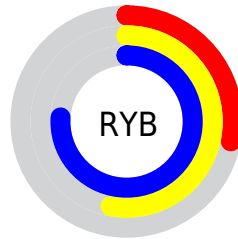
The Decimal color **4768178** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **12666967**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **8780522**, and **35709** is the 20% darker color. If you saturate the color by 10%, you get **3522992**, and if you desaturate by 10%, it is **6013364**.

# Distribution



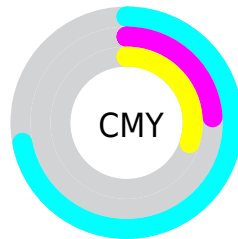
- Red (28%)
- Green (76%)
- Blue (70%)



- Red (28%)
- Yellow (53%)
- Blue (76%)



- Cyan (63%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (72%)
- Magenta (24%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4768178 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 4768178 by changing the saturation by 10% instead.





4768178



4768178

16777215



2270615



8780522



35709



10747903



29029



12648447



22605



14614527



16182



16580607



10529



2571



0



4768178



4768178

■ 3522992

■ 6013364

■ 2212269

■ 7324087

■ 967083

■ 8569273

■ 49577

■ 9814460

■ 11125182

■ 12370368

■ 13615555

■ 14860741

■ 16171464

# Harmonies

## Analogous

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



7716496



4768178



2670803

# Triad

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



4768178



12100839



14590579

# Complementary

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



4768178



12666967

# 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.



15702155



4768178



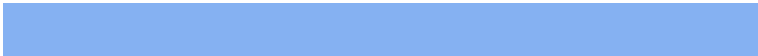
14522829

# Square

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



4768178



8761842



15701420



12693099

# Rectangle

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



4768178



3849700



15701420



15048569

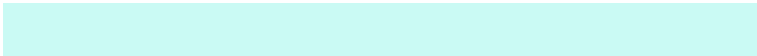


# Sweetspot

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



4768178



13302516



5816648



6323577



16579836



8224125



# Same Dimension

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



4768178



4127459



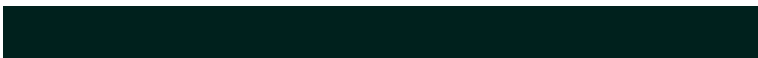
4756929



5726560



41357



8477



# Inverse Universe

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



12666967



16399958



12678216



6379352



10551316

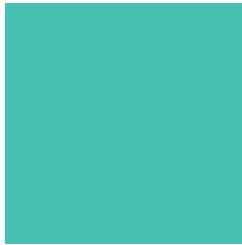


2162692



# Previews

## White Background



This preview shows how the Decimal color 4768178 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 4768178 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 4768178 Background



This preview shows how black text looks on a background with the Decimal color 4768178.



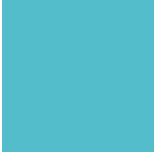
This preview shows how white text looks on a background with the Decimal color 4768178.

# 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





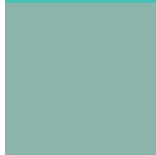
**Tritanopia**  
5488076

# Trichromacy



**Original Color**

4768178



**Protanomaly**

9155755



**Deuteranomaly**

9548213



**Tritanomaly**

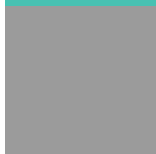
5226179

# Monochromacy



**Original Color**

4768178



**Achromatopsia**

10197915



**Achromatomaly**

8235427

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4768178 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 #48C1B2 looks like.

```
.text, #text, p{  
    color:#48C1B2  
}
```

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 #48C1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C1B2
}
```

## Border

The CSS property to change the border of an element to Decimal 4768178 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
#48C1B2 }
```

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

```
.border{ border-color:#48C1B2 }
```

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

Here you see how a box with a 4 pixel #48C1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C1B2; -webkit-box-shadow:4px 4px  
4px 4px #48C1B2; box-shadow:4px 4px 4px  
4px #48C1B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 4768178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C1B2 }
```

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

```
.background{ background-color:#48C1B2 }
```

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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