

# Converting Colors

Decimal(4836020)

Have a look what the booklet for  
Decimal(4836020) contains.

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# **Color**

**Decimal(4836020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49CAB4
RGB	73, 202, 180
RGB Percent	29%, 79%, 71%
CMY	0.7137, 0.2078, 0.2941
CMYK	0.64, 0.00, 0.11, 0.21
HSL	170°, 55%, 54%
HSV	170°, 64%, 79%
XYZ	32.1064, 46.9528, 50.5506
YIQ	160.9210, -69.8220, -34.1900

# Conversions

## Conversions Part 2

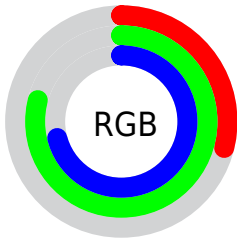
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 144, 202
Decimal	4836020
CIELab	74.16, -40.40, 0.58
CIElCh	74, 40.403, 179.173
Yxy	46.9528, 0.2477, 0.3623
Android (android.graphics.Color)	4283026100 (0xFF49CAB4)
YUV	160.9210, 9.4059, -77.1067
Hunter-Lab	68.5221, -36.2766, 4.2256

# Details

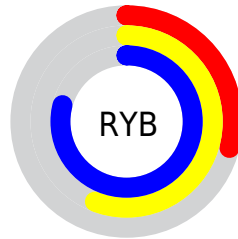
The Decimal color **4836020** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **13257055**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **8912876**, and **37759** is the 20% darker color. If you saturate the color by 10%, you get **3525297**, and if you desaturate by 10%, it is **6146743**.

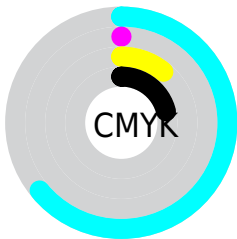
# Distribution



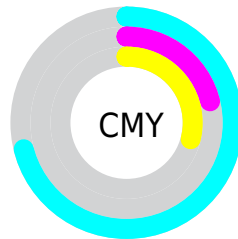
- Red (29%)
- Green (79%)
- Blue (71%)



- Red (29%)
- Yellow (56%)
- Blue (79%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (71%)
- Magenta (21%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4836020 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 4836020 by changing the saturation by 10% instead.





4836020



4836020

16777215



2272921



8912876



37759



10878975



31078



12845055



24398



14811135



18232



12066



5901



0



4836020



4836020

■ 3525297

■ 6146743

■ 2214573

■ 7457467

■ 838314

■ 8833726

■ 51880

■ 10144450

■ 11455173

■ 12765897

■ 14076620

■ 15452880

■ 16763603

# Harmonies

## Analogous

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



8243087



4836020



182745

# Triad

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



4836020



12168695



15574904

# Complementary

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



4836020



13257055

# 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.



16620692



4836020



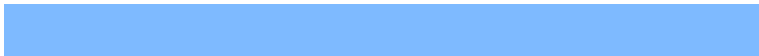
14983389

# Square

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



4836020



8305407



16488889



13677675

# Rectangle

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



4836020



1951469



16488889



16032640



# Sweetspot

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



4836020



13631479



6408777



6455418



0



8421504



# Same Dimension

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



4836020



3932126



4825546



6055524



42633



9760



# Inverse Universe

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



13257055



16726876



13267529



6708318



10879004

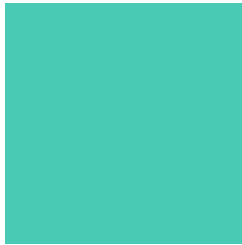


2490375



# Previews

## White Background



This preview shows how the Decimal color 4836020 looks on a white background.

## Color Contrast Check

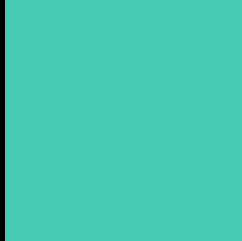
Large Text (above 18pt) WCAG AA × Fail

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 4836020 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 4836020 Background



This preview shows how black text looks on a background with the Decimal color 4836020.



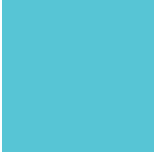
This preview shows how white text looks on a background with the Decimal color 4836020.

# 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**  
5752277

# Trichromacy



**Original Color**  
4836020



**Protanomaly**  
9616556



**Deuteranomaly**  
9943480



**Tritanomaly**  
5425097

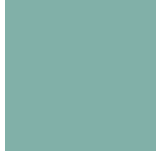
# Monochromacy



**Original Color**  
4836020



**Achromatopsia**  
10592673



**Achromatomaly**  
8499368

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4836020 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 #49CAB4 looks like.

```
.text, #text, p{  
    color:#49CAB4  
}
```

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 #49CAB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49CAB4
}
```

## Border

The CSS property to change the border of an element to Decimal 4836020 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
#49CAB4 }
```

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

```
.border{ border-color:#49CAB4 }
```

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

Here you see how a box with a 4 pixel #49CAB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49CAB4; -webkit-box-shadow:4px 4px  
4px 4px #49CAB4; box-shadow:4px 4px 4px  
4px #49CAB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 4836020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49CAB4 }
```

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

```
.background{ background-color:#49CAB4 }
```

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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