

# Converting Colors

Decimal(47531)

Have a look what the booklet for  
Decimal(47531) contains.

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# Color

**Decimal(47531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B9AB
RGB	0, 185, 171
RGB Percent	0%, 73%, 67%
CMY	1.0000, 0.2745, 0.3294
CMYK	1.00, 0.00, 0.08, 0.27
HSL	175°, 100%, 36%
HSV	175°, 100%, 73%
XYZ	24.6996, 37.6382, 44.4912
YIQ	128.0890, -105.7660, -43.5740

# Conversions

## Conversions Part 2

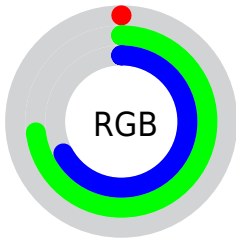
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 96, 185</a>
Decimal	<a href="#">47531</a>
CIELab	<a href="#">67.75, -41.93, -4.01</a>
CIELCh	<a href="#">68, 42.125, 185.462</a>
Yxy	<a href="#">37.6382, 0.2312, 0.3523</a>
Android (android.graphics.Color)	<a href="#">4278237611 (0xFF00B9AB)</a>
YUV	<a href="#">128.0890, 21.1551, -112.3341</a>
Hunter-Lab	<a href="#">61.3500, -35.4979, -0.0523</a>

# Details

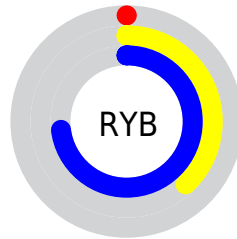
The Decimal color **47531** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **12124174**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **6550242**, and **33655** is the 20% darker color. If you saturate the color by 10%, you get **47531**, and if you desaturate by 10%, it is **1227180**.

# Distribution



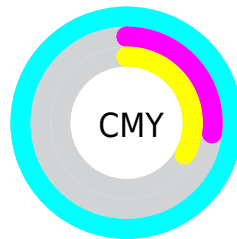
- Red (0%)
- Green (73%)
- Blue (67%)



- Red (0%)
- Yellow (38%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 47531 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 47531 by changing the saturation by 10% instead.



 47531	 47531
 16777215	 40593
 6550242	 33655
 8650751	 26974
 10682367	 20551
 12713983	 14384
 14680063	 8988
 16711679	 0

 47531

 1227180

■ 2472366

■ 3717551

■ 4897201

■ 6142386

■ 7322035

■ 8567221

■ 9746870

■ 10992056

# Harmonies

## Analogous

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



6141572



47531



47056

# Triad

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



47531



11704803



14129248

# Complementary

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



47531



12124174

# 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.



15371387



47531



14322885

# Square

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



47531



7776240



15566495



11969880

# Rectangle

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



47531



46307



15566495



14652264



# Sweetspot

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



47531



11071722



1030400



5077109



16250871



7895160



# Same Dimension

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



47531



61662



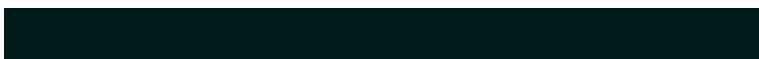
27833



5463131



40080



7194



# Inverse Universe

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



12124174



15728658



12143872



6050643



10223628

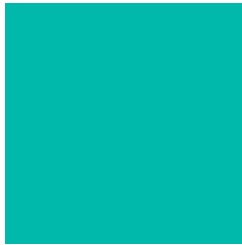


1835010



# Previews

## White Background



This preview shows how the Decimal color 47531 looks on a white background.

## Color Contrast Check

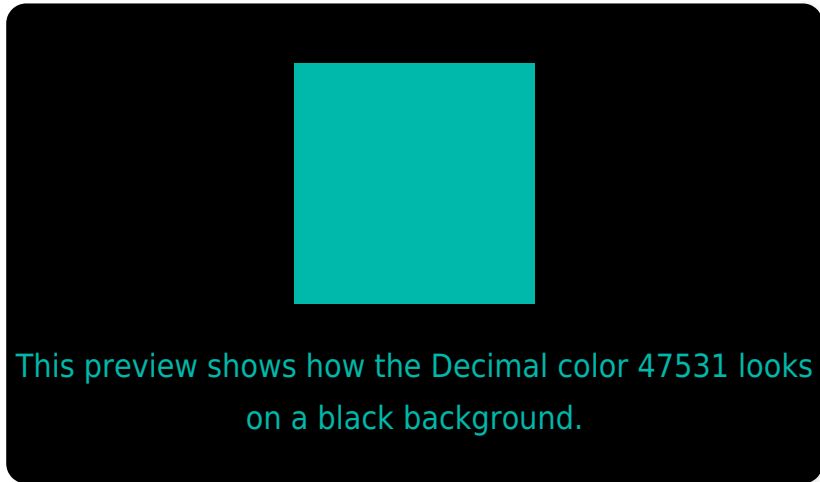
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

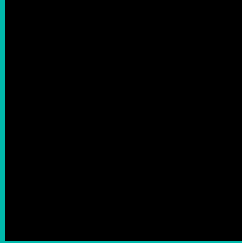
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 47531 Background



This preview shows how black text looks on a background with the Decimal color 47531.



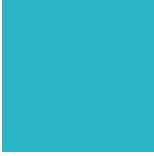
This preview shows how white text looks on a background with the Decimal color 47531.

# 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**  
2930116

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 47531 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 #00B9AB looks like.

```
.text, #text, p{  
    color:#00B9AB  
}
```

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 #00B9AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9AB
}
```

## Border

The CSS property to change the border of an element to Decimal 47531 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
#00B9AB }
```

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

```
.border{ border-color:#00B9AB }
```

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

Here you see how a box with a 4 pixel #00B9AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9AB; -webkit-box-shadow:4px 4px  
4px 4px #00B9AB; box-shadow:4px 4px 4px  
4px #00B9AB }
```

# Background

The CSS property to change the background color of an element to Decimal 47531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9AB }
```

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

```
.background{ background-color:#00B9AB }
```

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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