

Converting Colors

Decimal(47817)

Have a look what the booklet for
Decimal(47817) contains.

Decimal(47817)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(47817)

Conversions

Conversions Part 1

Format	Color
Hex	00BAC9
RGB	0, 186, 201
RGB Percent	0%, 73%, 79%
CMY	1.0000, 0.2706, 0.2118
CMYK	1.00, 0.07, 0.00, 0.21
HSL	184°, 100%, 39%
HSV	184°, 100%, 79%
XYZ	28.1015, 39.3349, 61.3696
YIQ	132.0960, -115.6710, -34.7670

Conversions

Conversions Part 2

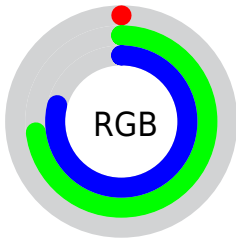
Format	Color
RYB	0, 97, 201
Decimal	47817
CIELab	68.99, -33.26, -18.67
CIELCh	69, 38.136, 209.306
Yxy	39.3349, 0.2182, 0.3054
Android (android.graphics.Color)	4278237897 (0xFF00BAC9)
YUV	132.0960, 33.9697, -115.8482
Hunter-Lab	62.7175, -29.7760, -14.1135

Details

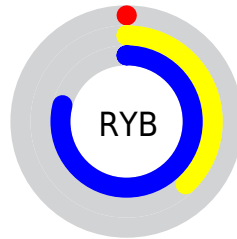
The Decimal color **47817** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **13176576**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **6812671**, and **33939** is the 20% darker color. If you saturate the color by 10%, you get **47817**, and if you desaturate by 10%, it is **1359049**.

Distribution



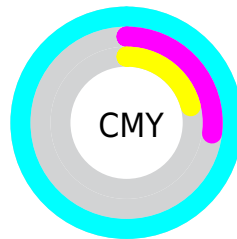
- Red (0%)
- Green (73%)
- Blue (79%)



- Red (0%)
- Yellow (38%)
- Blue (79%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)

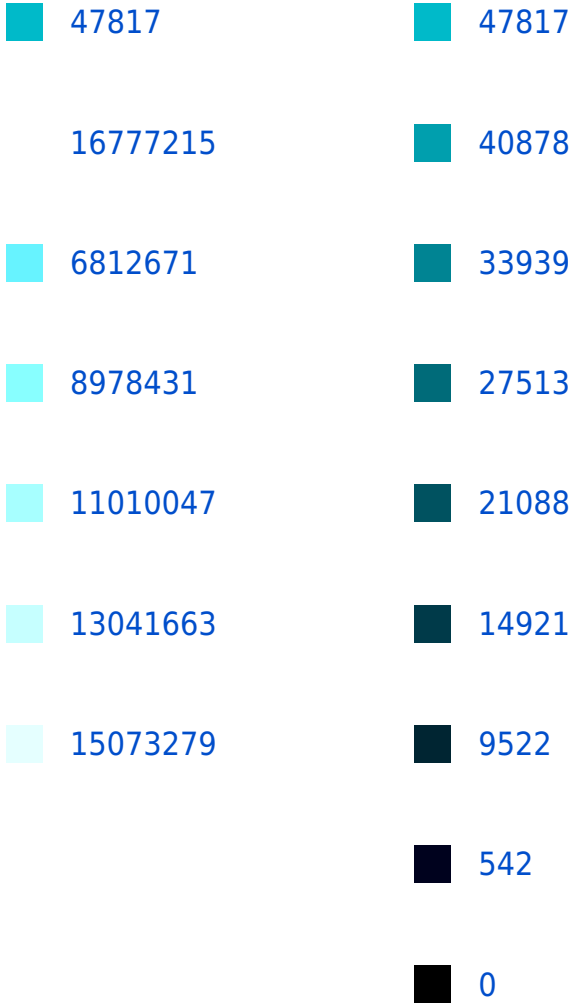


- Cyan (100%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47817 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 47817 by changing the saturation by 10% instead.



47817

 1359049

 2670025

 3981257

 5292233

 6669001

 7979977

 9291209

 10602185

 11913417

Harmonies

Analogous

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



4373414



47817



3323363

Triad

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



47817



13866188



12625507

Complementary

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



47817



13176576

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.



14391918



47817



15240619

Square

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



47817



11247845



15372424



10268779

Rectangle

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



47817



6270956



15372424



13279844

Sweetspot

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



47817



11794943



51469



5405824



0



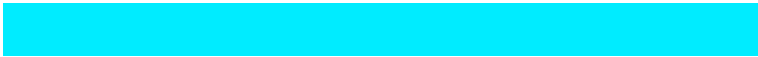
8421504

Same Dimension

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



47817



60671



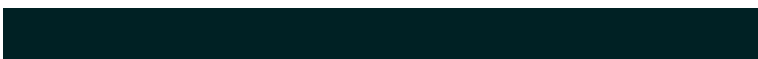
22473



5923683



38819



8484

Inverse Universe

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



13172922



16711916



13201920



6511203



10682519



2359329

Previews

White Background



This preview shows how the Decimal color 47817 looks on a white background.

Color Contrast Check

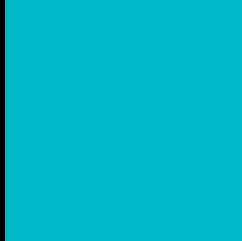
Large Text (above 18pt) WCAG AA × Fail

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 47817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

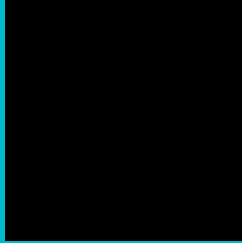
Any Text WCAG AA ✓ Pass

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 47817 Background



This preview shows how black text looks on a background with the Decimal color 47817.



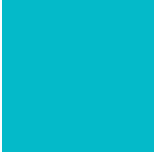
This preview shows how white text looks on a background with the Decimal color 47817.

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



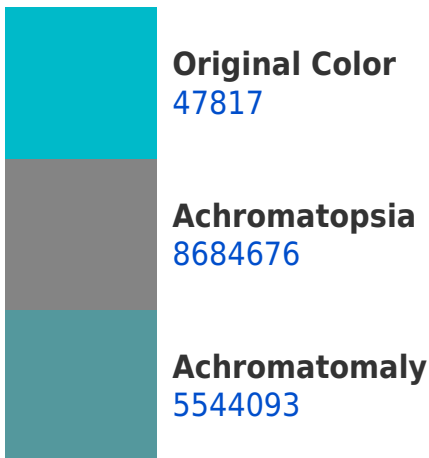


Tritanopia
309961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47817 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 #00BAC9 looks like.

```
.text, #text, p{  
    color:#00BAC9  
}
```

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 #00BAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BAC9
}
```

Border

The CSS property to change the border of an element to Decimal 47817 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
#00BAC9 }
```

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

```
.border{ border-color:#00BAC9 }
```

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

Here you see how a box with a 4 pixel #00BAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BAC9; -webkit-box-shadow:4px 4px  
4px 4px #00BAC9; box-shadow:4px 4px 4px  
4px #00BAC9 }
```

Background

The CSS property to change the background color of an element to Decimal 47817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BAC9 }
```

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

```
.background{ background-color:#00BAC9 }
```

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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