

Converting Colors

Decimal(52947)

Have a look what the booklet for
Decimal(52947) contains.

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Color

Decimal(52947)

Conversions

Conversions Part 1

Format	Color
Hex	00CED3
RGB	0, 206, 211
RGB Percent	0%, 81%, 83%
CMY	1.0000, 0.1922, 0.1725
CMYK	1.00, 0.02, 0.00, 0.17
HSL	181°, 100%, 41%
HSV	181°, 100%, 83%
XYZ	33.8292, 48.8458, 69.2732
YIQ	144.9760, -124.3810, -42.1170

Conversions

Conversions Part 2

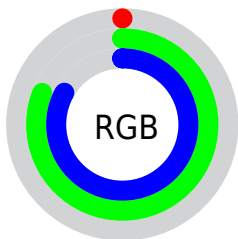
Format	Color
RYB	0, 104, 211
Decimal	52947
CIELab	75.36, -39.43, -14.51
CIELCh	75, 42.015, 200.196
Yxy	48.8458, 0.2226, 0.3215
Android (android.graphics.Color)	4278243027 (0xFF00CED3)
YUV	144.9760, 32.5498, -127.1440
Hunter-Lab	69.8897, -35.9066, -9.8442

Details

The Decimal color **52947** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13829376**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **7143423**, and **38813** is the 20% darker color. If you saturate the color by 10%, you get **52947**, and if you desaturate by 10%, it is **1429459**.

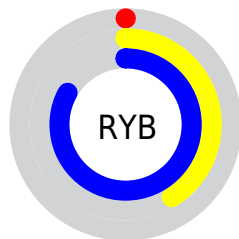
Distribution



Red (0%)

Green (81%)

Blue (83%)



Red (0%)

Yellow (41%)

Blue (83%)

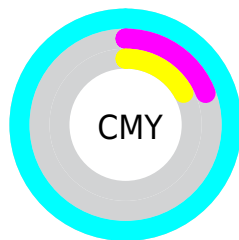


Cyan (100%)

Magenta (2%)

Yellow (0%)

Black (17%)



Cyan (100%)

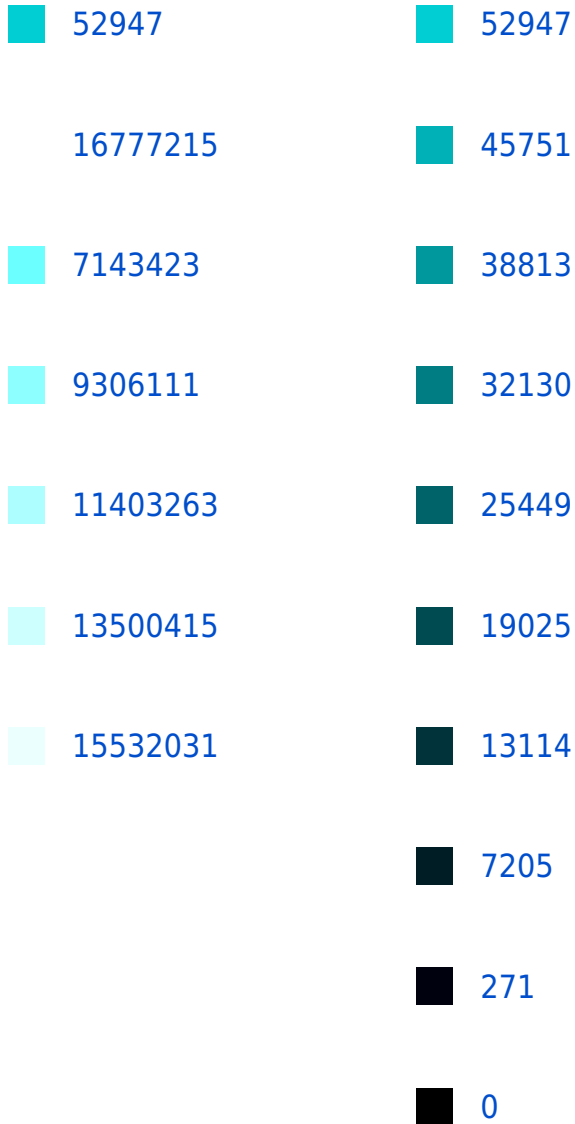
Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52947 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 52947 by changing the saturation by 10% instead.



■ 52947

■ 1429459

■ 2805715

■ 4182227

■ 5558483

■ 7000531

■ 8376787

■ 9753299

■ 11129555

■ 12506067

Harmonies

Analogous

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



5819819



52947



510708

Triad

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



52947



14591724



14594925

Complementary

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



52947



13829376

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.



16361088



52947



16555208

Square

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



52947



11252991



16751777



12107631

Rectangle

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



52947



5162495



16751777



15314545

Sweetspot

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



52947



11795967



54020



5406336



0



8421504

Same Dimension

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



52947



63999



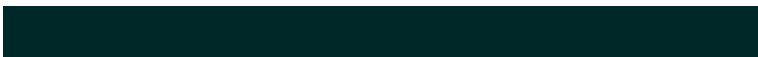
26323



6187113



42152



10281

Inverse Universe

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



13828302



16711929



13856000



6905448



11010212



2687016

Previews

White Background



This preview shows how the Decimal color 52947 looks on a white background.

Color Contrast Check

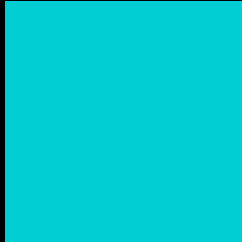
Large Text (above 18pt) WCAG AA × Fail

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 52947 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 52947 Background



This preview shows how black text looks on a background with the Decimal color 52947.

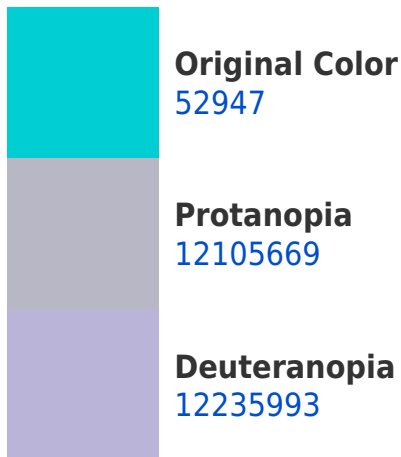


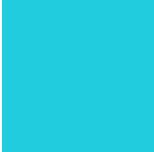
This preview shows how white text looks on a background with the Decimal color 52947.

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



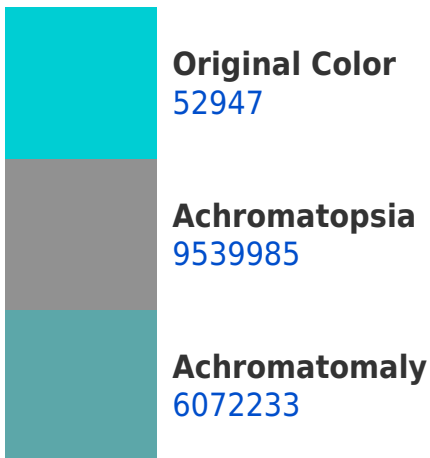


Tritanopia
2149597

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 52947 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 #00CED3 looks like.

```
.text, #text, p{  
  color:#00CED3  
}
```

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 #00CED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CED3
}
```

Border

The CSS property to change the border of an element to Decimal 52947 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
#00CED3 }
```

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

```
.border{ border-color:#00CED3 }
```

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

Here you see how a box with a 4 pixel #00CED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CED3; -webkit-box-shadow:4px 4px  
4px 4px #00CED3; box-shadow:4px 4px 4px  
4px #00CED3 }
```

Background

The CSS property to change the background color of an element to Decimal 52947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CED3 }
```

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

```
.background{ background-color:#00CED3 }
```

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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