

Converting Colors

Decimal(50397)

Have a look what the booklet for
Decimal(50397) contains.

Decimal(50397)	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(50397)

Conversions

Conversions Part 1

Format	Color
Hex	00C4DD
RGB	0, 196, 221
RGB Percent	0%, 77%, 87%
CMY	1.0000, 0.2314, 0.1333
CMYK	1.00, 0.11, 0.00, 0.13
HSL	187°, 100%, 43%
HSV	187°, 100%, 87%
XYZ	32.7911, 44.7003, 75.3064
YIQ	140.2460, -124.8410, -33.7770

Conversions

Conversions Part 2

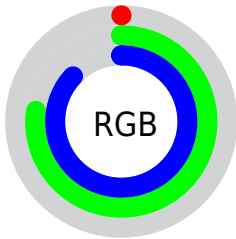
Format	Color
RYB	0, 104, 221
Decimal	50397
CIELab	72.69, -31.62, -23.95
CIELCh	73, 39.669, 217.137
Yxy	44.7003, 0.2146, 0.2925
Android (android.graphics.Color)	4278240477 (0xFF00C4DD)
YUV	140.2460, 39.8117, -122.9957
Hunter-Lab	66.8583, -29.4556, -19.9810

Details

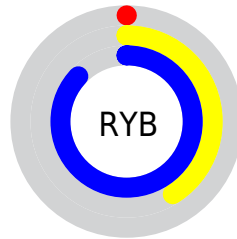
The Decimal color **50397** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14489856**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **7142911**, and **36518** is the 20% darker color. If you saturate the color by 10%, you get **50397**, and if you desaturate by 10%, it is **1492957**.

Distribution



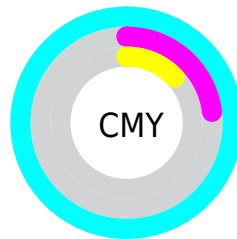
- Red (0%)
- Green (77%)
- Blue (87%)



- Red (0%)
- Yellow (41%)
- Blue (87%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)

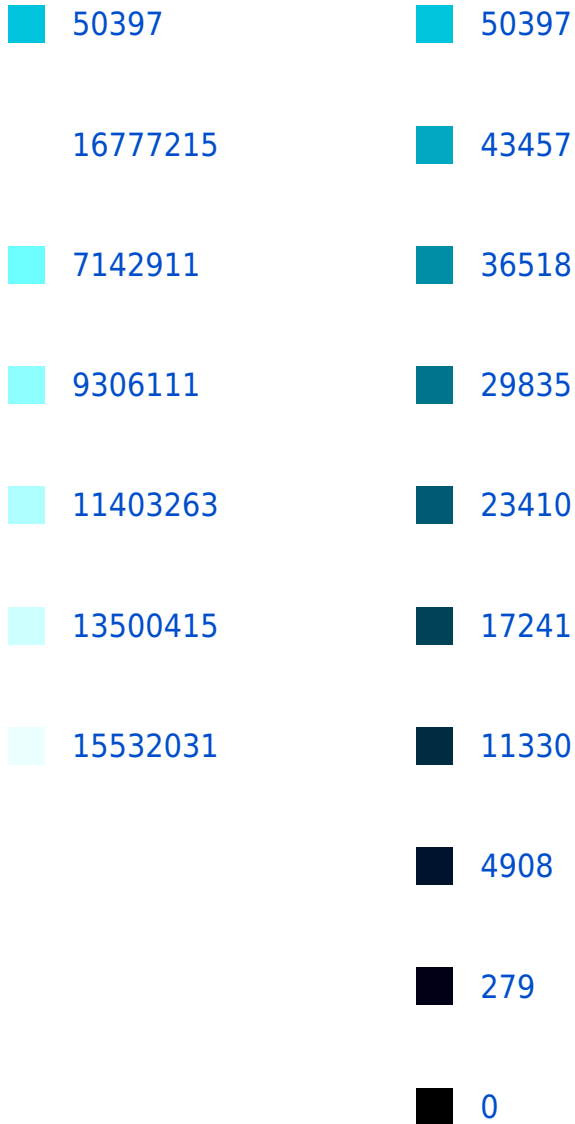


- Cyan (100%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50397 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 50397 by changing the saturation by 10% instead.



■ 50397

■ 1492957

■ 2935261

■ 4377821

■ 5820125

■ 7328221

■ 8770525

■ 10213085

■ 11655389

■ 13097949

Harmonies

Analogous

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



3720890



50397



4898548

Triad

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



50397



15178447



12759913

Complementary

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



50397



14489856

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.



14788464



50397



16291499

Square

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



50397



12756716



16096136



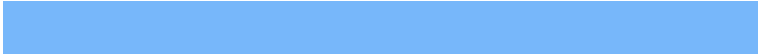
10206583

Rectangle

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



50397



7845882



16096136



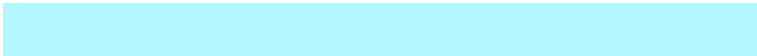
13479785

Sweetspot

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



50397



11794175



56598



5405312



0



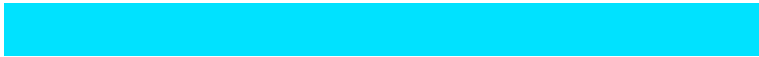
8421504

Same Dimension

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



50397



58111



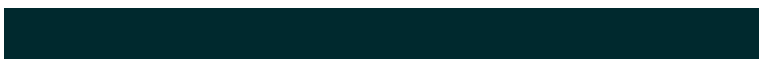
22749



6515822



39597



10542

Inverse Universe

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



14483652



16711906



14517504



7234412



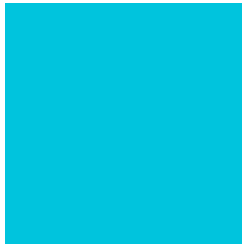
11337882



3014697

Previews

White Background



This preview shows how the Decimal color 50397 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 50397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

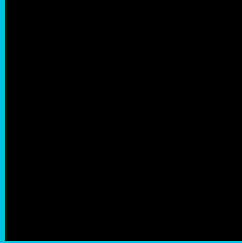
Any Text WCAG AA ✓ Pass

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 50397 Background



This preview shows how black text looks on a background with the Decimal color 50397.



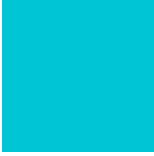
This preview shows how white text looks on a background with the Decimal color 50397.

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](#).

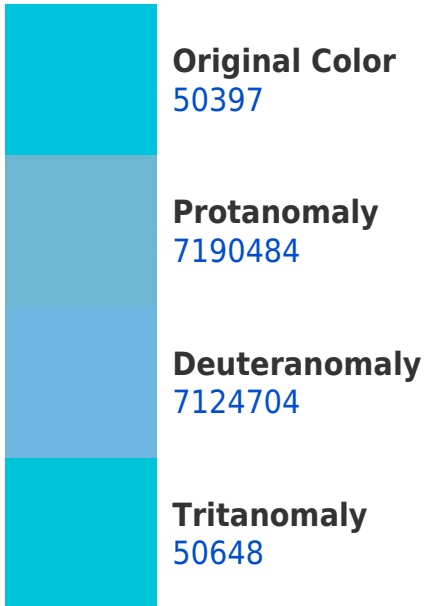
Dichromacy



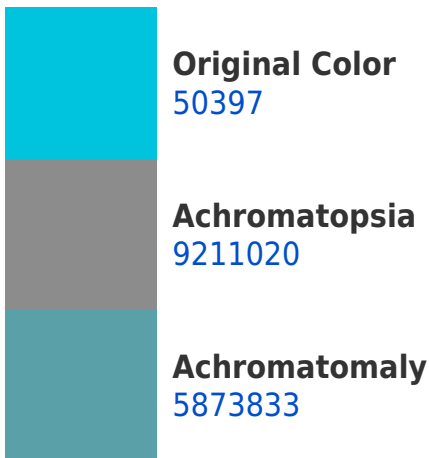


Tritanopia
50645

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 50397 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 #00C4DD looks like.

```
.text, #text, p{  
    color:#00C4DD  
}
```

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 #00C4DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C4DD
}
```

Border

The CSS property to change the border of an element to Decimal 50397 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
#00C4DD }
```

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

```
.border{ border-color:#00C4DD }
```

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

Here you see how a box with a 4 pixel #00C4DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C4DD; -webkit-box-shadow:4px 4px  
4px 4px #00C4DD; box-shadow:4px 4px 4px  
4px #00C4DD }
```

Background

The CSS property to change the background color of an element to Decimal 50397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C4DD }
```

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

```
.background{ background-color:#00C4DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor