

Converting Colors

Decimal(830393)

Have a look what the booklet for
Decimal(830393) contains.

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Color

Decimal(830393)

Conversions

Conversions Part 1

Format	Color
Hex	0CABB9
RGB	12, 171, 185
RGB Percent	5%, 67%, 73%
CMY	0.9529, 0.3294, 0.2745
CMYK	0.94, 0.08, 0.00, 0.27
HSL	185°, 88%, 39%
HSV	185°, 94%, 73%
XYZ	23.4715, 32.7068, 50.9749
YIQ	125.0550, -99.2580, -29.3540

Conversions

Conversions Part 2

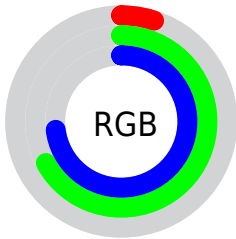
Format	Color
RYB	12, 95, 185
Decimal	830393
CIELab	63.92, -30.80, -17.50
CIELCh	64, 35.426, 209.601
Yxy	32.7068, 0.2190, 0.3052
Android (android.graphics.Color)	4279020473 (0xFF0CABB9)
YUV	125.0550, 29.5529, -99.1492
Hunter-Lab	57.1898, -26.8234, -12.8140

Details

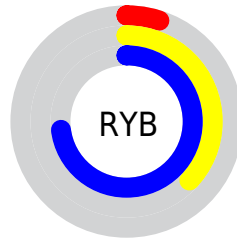
The Decimal color **830393** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12130828**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **6677489**, and **30340** is the 20% darker color. If you saturate the color by 10%, you get **43705**, and if you desaturate by 10%, it is **2010297**.

Distribution



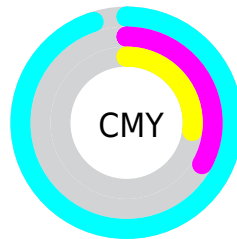
- Red (5%)
- Green (67%)
- Blue (73%)



- Red (5%)
- Yellow (37%)
- Blue (73%)



- Cyan (94%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (95%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 830393 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 830393 by changing the saturation by 10% instead.

830393 830393

16777215 37022

6677489 30340

8716287 23915

10747903 17747

12779519 11835

14745599 6182

272

0

830393 830393

■ 43705

■ 2010297

■ 3255993

■ 4435897

■ 5681593

■ 6861497

■ 8107193

■ 9287097

■ 10532793

■ 11712697

Harmonies

Analogous

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



4107417



830393



3319761

Triad

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



830393



12748987



11573595

Complementary

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



830393



12130828

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.



13209189



830393



14058141

Square

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



830393



10392530



14124413



9413219

Rectangle

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



830393



5874136



14124413



12162397

Sweetspot

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



830393



11397872



833816



5207416



16250871



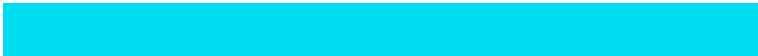
7895160

Same Dimension

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



830393



56560



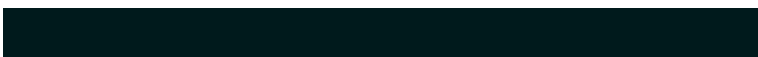
808889



5462876



36764



6684

Inverse Universe

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



12127403



15728860



12152332



6050651



10223759



1835034

Previews

White Background



This preview shows how the Decimal color 830393 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 830393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

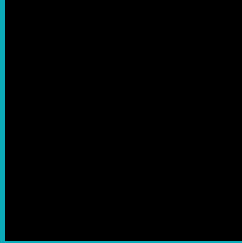
Any Text WCAG AA ✓ Pass

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 830393 Background



This preview shows how black text looks on a background with the Decimal color 830393.

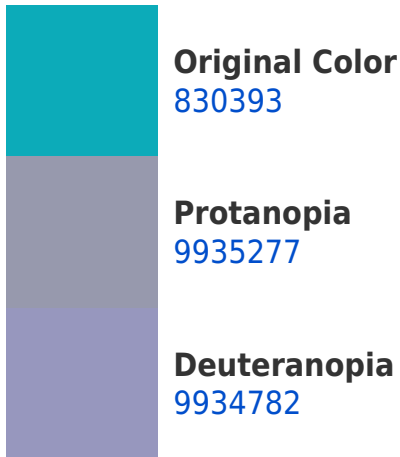


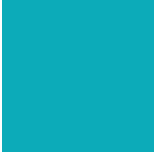
This preview shows how white text looks on a background with the Decimal color 830393.

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
830393

Trichromacy



Original Color
830393



Protanomaly
6594737



Deuteranomaly
6594236



Tritanomaly
830393

Monochromacy



Original Color
830393



Achromatopsia
8224125



Achromatomaly
5541523

CSS Examples

Text

The CSS property to change the color of the text to Decimal 830393 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 #0CABB9 looks like.

```
.text, #text, p{  
    color:#0CABB9  
}
```

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 #0CABB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CABB9
}
```

Border

The CSS property to change the border of an element to Decimal 830393 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
#0CABB9 }
```

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

```
.border{ border-color:#0CABB9 }
```

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

Here you see how a box with a 4 pixel #0CABB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CABB9; -webkit-box-shadow:4px 4px  
4px 4px #0CABB9; box-shadow:4px 4px 4px  
4px #0CABB9 }
```

Background

The CSS property to change the background color of an element to Decimal 830393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CABB9 }
```

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

```
.background{ background-color:#0CABB9 }
```

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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