

Converting Colors

Decimal(2410969)

Have a look what the booklet for
Decimal(2410969) contains.

Decimal(2410969)	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(2410969)

Conversions

Conversions Part 1

Format	Color
Hex	24C9D9
RGB	36, 201, 217
RGB Percent	14%, 79%, 85%
CMY	0.8588, 0.2118, 0.1490
CMYK	0.83, 0.07, 0.00, 0.15
HSL	185°, 72%, 50%
HSV	185°, 83%, 85%
XYZ	34.1386, 47.1581, 72.9488
YIQ	153.4890, -103.4760, -30.0040

Conversions

Conversions Part 2

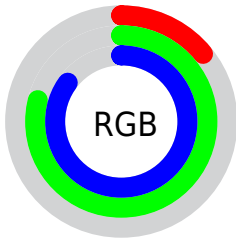
Format	Color
RYB	36, 122, 217
Decimal	2410969
CIELab	74.29, -33.77, -19.33
CIELCh	74, 38.909, 209.790
Yxy	47.1581, 0.2213, 0.3057
Android (android.graphics.Color)	4280601049 (0xFF24C9D9)
YUV	153.4890, 31.3109, -103.0379
Hunter-Lab	68.6718, -31.4384, -14.9125

Details

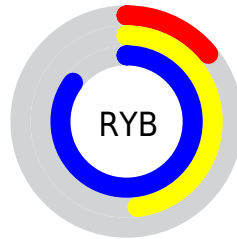
The Decimal color **2410969** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **14234660**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7733247**, and **37538** is the 20% darker color. If you saturate the color by 10%, you get **968665**, and if you desaturate by 10%, it is **3853273**.

Distribution



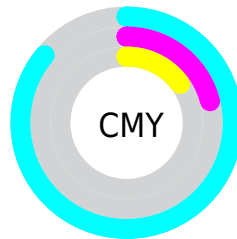
- Red (14%)
- Green (79%)
- Blue (85%)



- Red (14%)
- Yellow (48%)
- Blue (85%)



- Cyan (83%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)

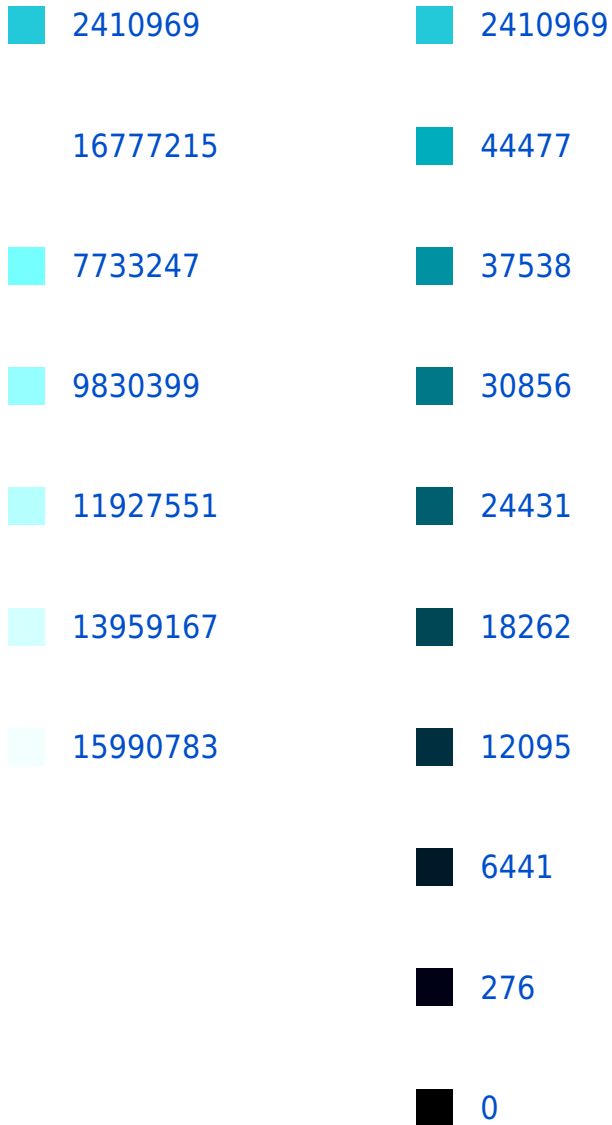


- Cyan (86%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2410969 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 2410969 by changing the saturation by 10% instead.



■ 2410969

■ 2410969

■ 968665

■ 3853273

■ 50905

■ 5230041

■ 6672345

■ 8114649

■ 9556953

■ 10933721

■ 12375769

■ 13818073

■ 15194841

Harmonies

Analogous

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



5229237



2410969



4572404

Triad

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



2410969



14983643



13612143

Complementary

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



2410969



14234660

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.



15444090



2410969



16358328

Square

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



2410969



12234485



16490133



11124599

Rectangle

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



2410969



7257852



16490133



14266480

Sweetspot

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



2410969



12581375



2414899



5864576



0



8421504

Same Dimension

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



2410969



59647



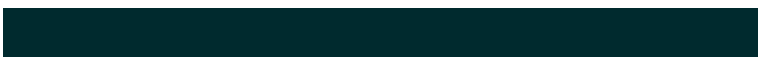
2387929



6516078



40621



10798

Inverse Universe

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



14230729



16711912



14257700



7234413



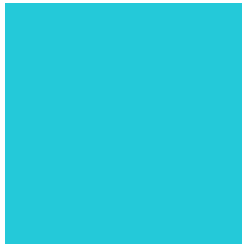
11337886



3014698

Previews

White Background



This preview shows how the Decimal color 2410969 looks on a white background.

Color Contrast Check

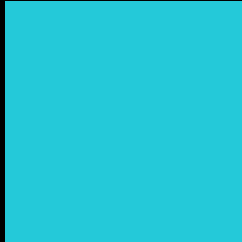
Large Text (above 18pt) WCAG AA × Fail

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 2410969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

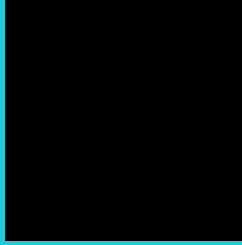
Any Text WCAG AA ✓ Pass

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 2410969 Background



This preview shows how black text looks on a background with the Decimal color 2410969.

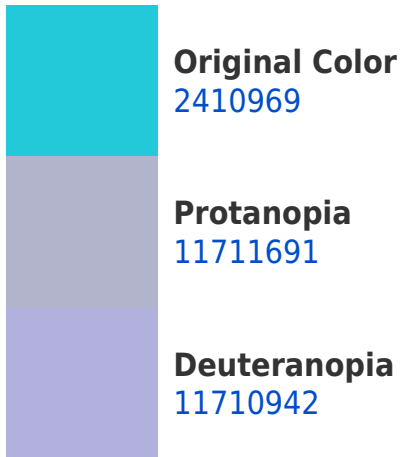


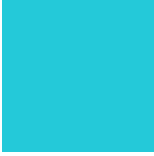
This preview shows how white text looks on a background with the Decimal color 2410969.

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
2410969

Trichromacy



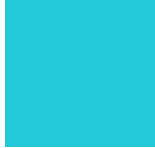
Original Color
2410969



Protanomaly
8305872



Deuteranomaly
8305372



Tritanomaly
2410969

Monochromacy



Original Color
2410969



Achromatopsia
10066329



Achromatomaly
7252656

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2410969 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 #24C9D9 looks like.

```
.text, #text, p{  
    color:#24C9D9  
}
```

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 #24C9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C9D9
}
```

Border

The CSS property to change the border of an element to Decimal 2410969 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
#24C9D9 }
```

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

```
.border{ border-color:#24C9D9 }
```

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

Here you see how a box with a 4 pixel #24C9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C9D9; -webkit-box-shadow:4px 4px  
4px 4px #24C9D9; box-shadow:4px 4px 4px  
4px #24C9D9 }
```

Background

The CSS property to change the background color of an element to Decimal 2410969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C9D9 }
```

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

```
.background{ background-color:#24C9D9 }
```

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