

Converting Colors

Decimal(2400971)

Have a look what the booklet for
Decimal(2400971) contains.

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Color

Decimal(2400971)

Conversions

Conversions Part 1

Format	Color
Hex	24A2CB
RGB	36, 162, 203
RGB Percent	14%, 64%, 80%
CMY	0.8588, 0.3647, 0.2039
CMYK	0.82, 0.20, 0.00, 0.20
HSL	195°, 70%, 47%
HSV	195°, 82%, 80%
XYZ	24.4274, 30.5275, 61.1049
YIQ	129.0000, -88.2570, -13.9610

Conversions

Conversions Part 2

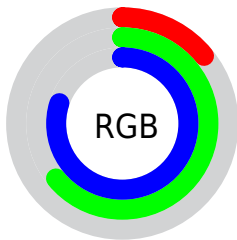
Format	Color
R _Y B	36, 108, 203
Decimal	2400971
CIE Lab	62.11, -18.77, -30.30
CIE LCh	62, 35.646, 238.221
Yxy	30.5275, 0.2105, 0.2630
Android (android.graphics.Color)	4280591051 (0xFF24A2CB)
YUV	129.0000, 36.4820, -81.5610
Hunter-Lab	55.2517, -17.7737, -26.8947

Details

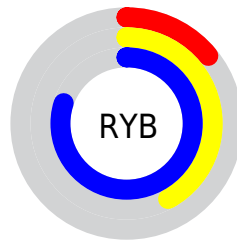
The Decimal color **2400971** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **13323556**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **7330303**, and **28309** is the 20% darker color. If you saturate the color by 10%, you get **1088971**, and if you desaturate by 10%, it is **3712971**.

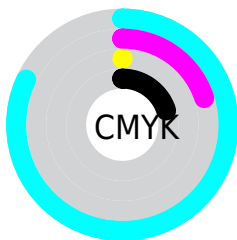
Distribution



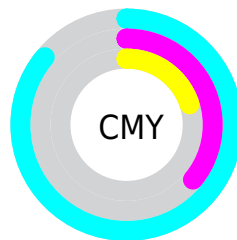
- Red (14%)
- Green (64%)
- Blue (80%)



- Red (14%)
- Yellow (42%)
- Blue (80%)



- Cyan (82%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2400971 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 2400971 by changing the saturation by 10% instead.

■ 2400971

■ 2400971

16777215

■ 34991

■ 7330303

■ 28309

■ 9369087

■ 22139

■ 11337727

■ 15970

■ 13303807

■ 10314

■ 15335423

■ 4403

■ 541

■ 0

■ 2400971

■ 2400971

■ 1088971

■ 3712971

■ 39371

■ 5090507

■ 6402507

■ 7714507

■ 9092043

■ 10404043

■ 11716043

■ 13028043

■ 14405579

Harmonies

Analogous

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



42675



2400971



6593237

Triad

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



2400971



13663641



9215325

Complementary

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



2400971



13323556

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.



11310166



2400971



13860986

Square

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



2400971



12354744



12945761



6726772

Rectangle

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



2400971



8885202



12945761



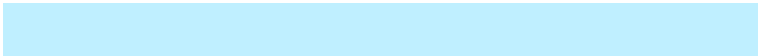
9935449

Sweetspot

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



2400971



12578815



2411339



5863040



0



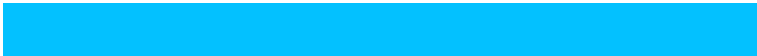
8421504

Same Dimension

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



2400971



246271



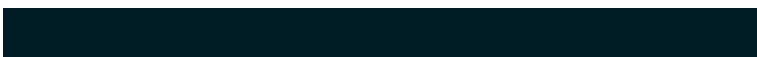
2380235



6054758



32166



7462

Inverse Universe

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



13313186



16712641



13344292



6708323



10879101



2490397

Previews

White Background



This preview shows how the Decimal color 2400971 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 2400971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

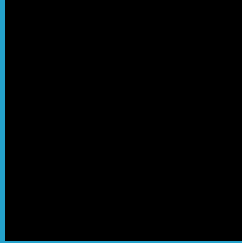
Any Text WCAG AA ✓ Pass

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 2400971 Background



This preview shows how black text looks on a background with the Decimal color 2400971.



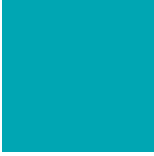
This preview shows how white text looks on a background with the Decimal color 2400971.

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](#).

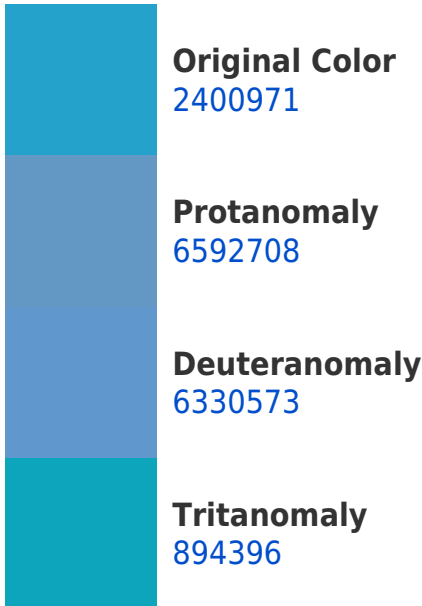
Dichromacy





Tritanopia
42675

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2400971 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 #24A2CB looks like.

```
.text, #text, p{  
    color:#24A2CB  
}
```

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 #24A2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A2CB
}
```

Border

The CSS property to change the border of an element to Decimal 2400971 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
#24A2CB }
```

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

```
.border{ border-color:#24A2CB }
```

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

Here you see how a box with a 4 pixel #24A2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A2CB; -webkit-box-shadow:4px 4px  
4px 4px #24A2CB; box-shadow:4px 4px 4px  
4px #24A2CB }
```

Background

The CSS property to change the background color of an element to Decimal 2400971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A2CB }
```

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

```
.background{ background-color:#24A2CB }
```

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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