

Converting Colors

Decimal(239305)

Have a look what the booklet for
Decimal(239305) contains.

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Color

Decimal(239305)

Conversions

Conversions Part 1

Format	Color
Hex	03A6C9
RGB	3, 166, 201
RGB Percent	1%, 65%, 79%
CMY	0.9882, 0.3490, 0.2118
CMYK	0.99, 0.17, 0.00, 0.21
HSL	191°, 97%, 40%
HSV	191°, 99%, 79%
XYZ	24.2164, 31.5088, 60.0638
YIQ	121.2530, -108.3830, -23.6710

Conversions

Conversions Part 2

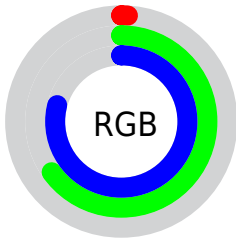
Format	Color
RYB	3, 92, 201
Decimal	239305
CIELab	62.93, -23.26, -27.93
CIELCh	63, 36.349, 230.215
Yxy	31.5088, 0.2091, 0.2721
Android (android.graphics.Color)	4278429385 (0xFF03A6C9)
YUV	121.2530, 39.3153, -103.7079
Hunter-Lab	56.1327, -21.2251, -24.1493

Details

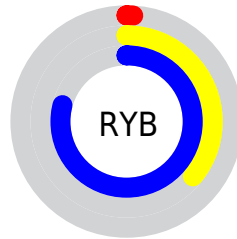
The Decimal color **239305** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13182467**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **6675967**, and **29331** is the 20% darker color. If you saturate the color by 10%, you get **42441**, and if you desaturate by 10%, it is **1551049**.

Distribution



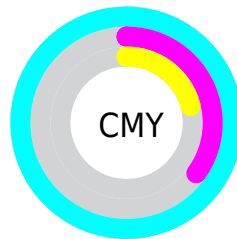
- Red (1%)
- Green (65%)
- Blue (79%)



- Red (1%)
- Yellow (36%)
- Blue (79%)



- Cyan (99%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)

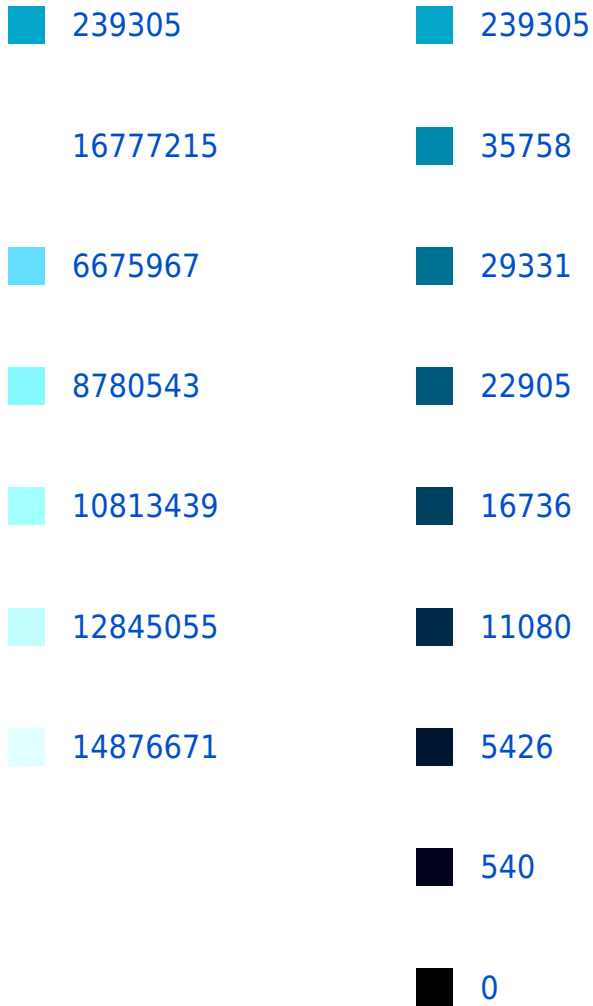


- Cyan (99%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 239305 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 239305 by changing the saturation by 10% instead.



239305 239305

■ 42441

■ 1551049

■ 2862537

■ 4174281

■ 5485769

■ 6863049

■ 8174537

■ 9486281

■ 10797769

■ 12109513

Harmonies

Analogous

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



43437



239305



5545943

Triad

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



239305



1366420



9936218

Complementary

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



239305



13182467

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.



12030808



239305



14123140

Square

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



239305



12028098



13469800



7513454

Rectangle

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



239305



810056



13469800



10656344

Sweetspot

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



239305



11792895



248100



5404544



0



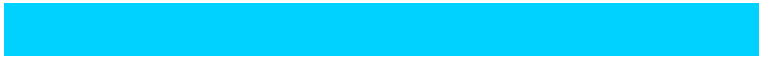
8421504

Same Dimension

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



239305



54015



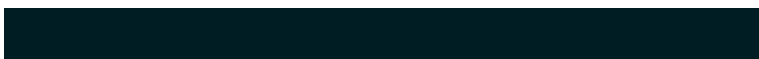
214473



5923427



34467



7460

Inverse Universe

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



13173670



16711890



13207299



6511202



10682502



2359325

Previews

White Background



This preview shows how the Decimal color 239305 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 239305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

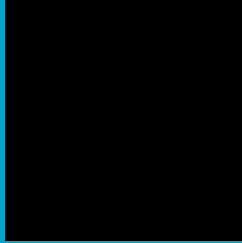
Any Text WCAG AA ✓ Pass

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 239305 Background



This preview shows how black text looks on a background with the Decimal color 239305.

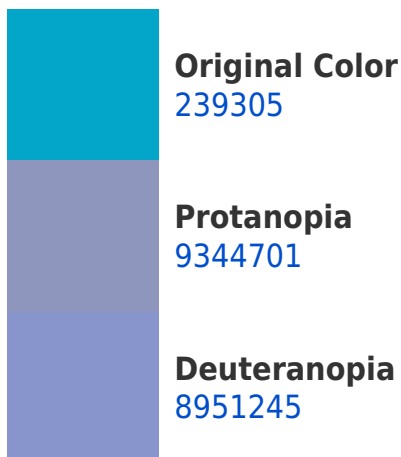


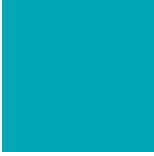
This preview shows how white text looks on a background with the Decimal color 239305.

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](#).

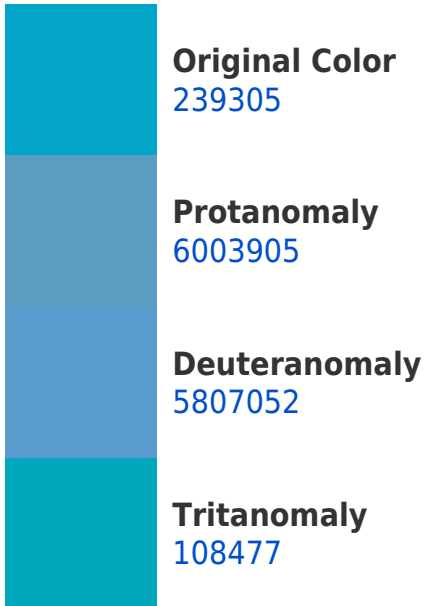
Dichromacy



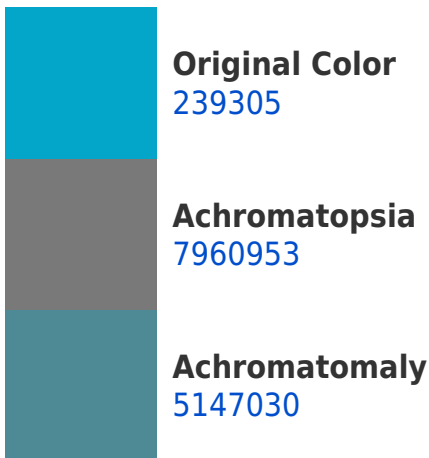


Tritanopia
43190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 239305 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 #03A6C9 looks like.

```
.text, #text, p{  
    color:#03A6C9  
}
```

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 #03A6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03A6C9
}
```

Border

The CSS property to change the border of an element to Decimal 239305 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
#03A6C9 }
```

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

```
.border{ border-color:#03A6C9 }
```

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

Here you see how a box with a 4 pixel #03A6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03A6C9; -webkit-box-shadow:4px 4px  
4px 4px #03A6C9; box-shadow:4px 4px 4px  
4px #03A6C9 }
```

Background

The CSS property to change the background color of an element to Decimal 239305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03A6C9 }
```

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

```
.background{ background-color:#03A6C9 }
```

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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