

# Converting Colors

Decimal(43743)

Have a look what the booklet for  
Decimal(43743) contains.

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# **Color**

**Decimal(43743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AADF
RGB	0, 170, 223
RGB Percent	0%, 67%, 87%
CMY	1.0000, 0.3333, 0.1255
CMYK	1.00, 0.24, 0.00, 0.13
HSL	194°, 100%, 44%
HSV	194°, 100%, 87%
XYZ	27.6940, 34.0772, 74.9300
YIQ	125.2120, -118.3330, -19.5570

# Conversions

## Conversions Part 2

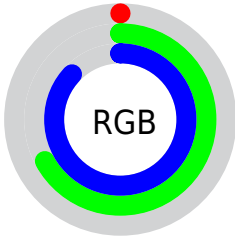
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 223
Decimal	43743
CIELab	65.02, -17.76, -36.88
CIELCh	65, 40.934, 244.280
Yxy	34.0772, 0.2026, 0.2493
Android (android.graphics.Color)	4278233823 (0xFF00AADF)
YUV	125.2120, 48.2095, -109.8109
Hunter-Lab	58.3756, -17.4751, -35.2407

# Details

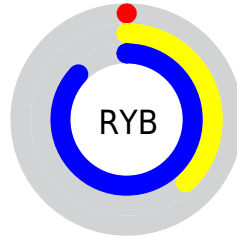
The Decimal color **43743** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **14628096**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **6939135**, and **30376** is the 20% darker color. If you saturate the color by 10%, you get **43743**, and if you desaturate by 10%, it is **1486815**.

# Distribution



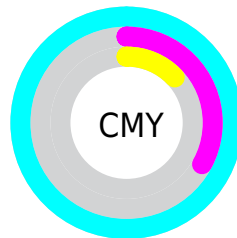
- Red (0%)
- Green (67%)
- Blue (87%)



- Red (0%)
- Yellow (38%)
- Blue (87%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



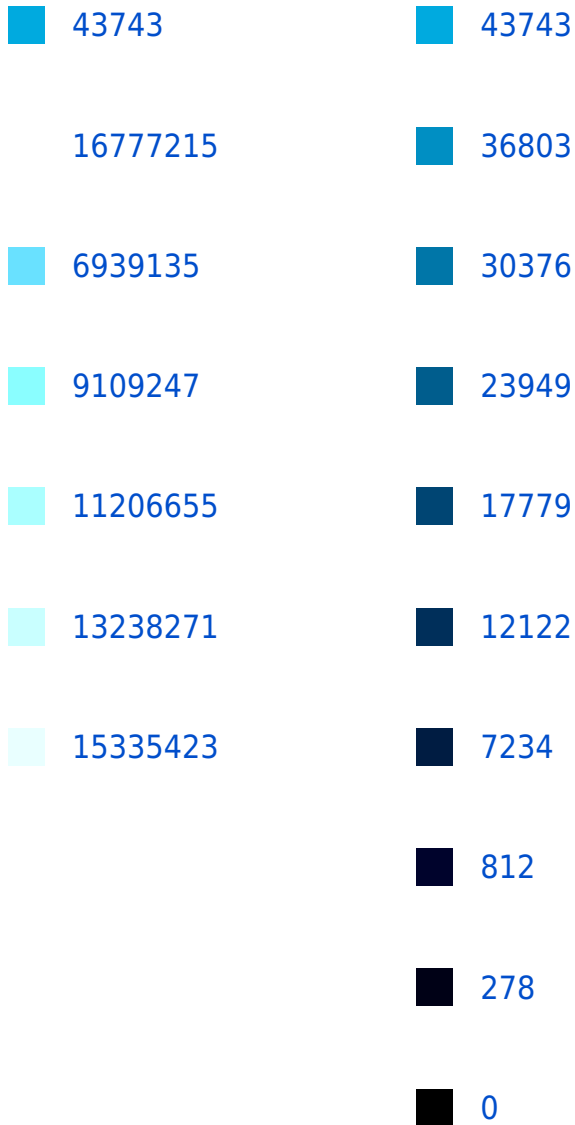
- Cyan (100%)
- Magenta (33%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 43743 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 43743 by changing the saturation by 10% instead.





■ 43743

■ 1486815

■ 2995679

■ 4438751

■ 5881823

■ 7390431

■ 8833759

■ 10276831

■ 11719903

■ 13228767

# Harmonies

## Analogous

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



45254



43743



7184615

# Triad

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



43743



14909594



9021536

# Complementary

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



43743



14628096

# 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.



11574611



43743



14779766

# Square

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



43743



13665982



13537628



6008445

# Rectangle

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



43743



9934816



13537628



9938265

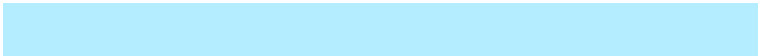


# Sweetspot

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



43743



11791871



57140



5404032



0



8421504

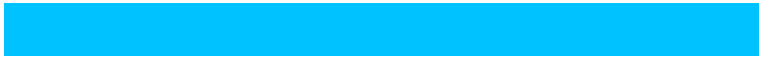


# Same Dimension

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



43743



49919



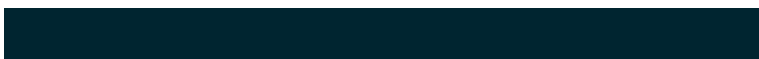
15327



6647408



34480



9520



# Inverse Universe

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



14614698



16711874



14656512



7365998



11534470



3145765



# Previews

## White Background



This preview shows how the Decimal color 43743 looks on a white background.

## Color Contrast Check

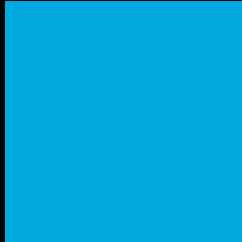
Large Text (above 18pt) WCAG AA × Fail

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 43743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

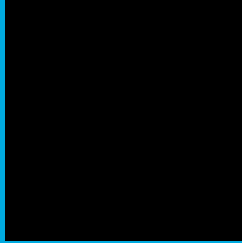
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 43743 Background



This preview shows how black text looks on a background with the Decimal color 43743.



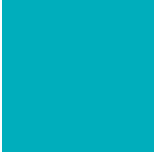
This preview shows how white text looks on a background with the Decimal color 43743.

# 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**  
44732

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 43743 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 #00AADF looks like.

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

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 #00AADF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 43743 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
#00AADF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 43743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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