

Converting Colors

Decimal(43759)

Have a look what the booklet for
Decimal(43759) contains.

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Color

Decimal(43759)

Conversions

Conversions Part 1

Format	Color
Hex	00AAEF
RGB	0, 170, 239
RGB Percent	0%, 67%, 94%
CMY	1.0000, 0.3333, 0.0627
CMYK	1.00, 0.29, 0.00, 0.06
HSL	197°, 100%, 47%
HSV	197°, 100%, 94%
XYZ	29.9547, 34.9814, 86.8347
YIQ	127.0360, -123.4690, -14.5810

Conversions

Conversions Part 2

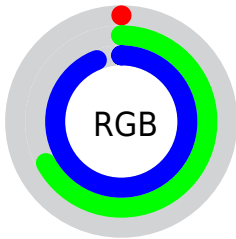
Format	Color
RYB	0, 99, 239
Decimal	43759
CIELab	65.73, -12.04, -44.55
CIELCh	66, 46.148, 254.874
Yxy	34.9814, 0.1974, 0.2305
Android (android.graphics.Color)	4278233839 (0xFF00AAEF)
YUV	127.0360, 55.1983, -111.4106
Hunter-Lab	59.1451, -13.1006, -45.6458

Details

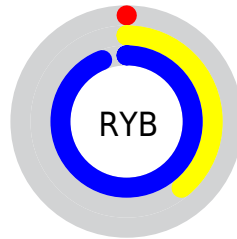
The Decimal color **43759** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **15680768**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **7201279**, and **30391** is the 20% darker color. If you saturate the color by 10%, you get **43759**, and if you desaturate by 10%, it is **1618415**.

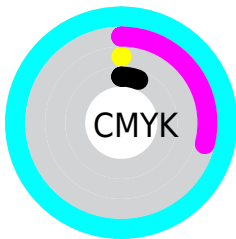
Distribution



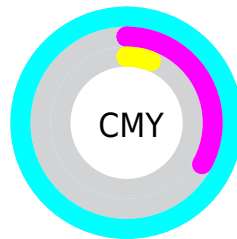
- Red (0%)
- Green (67%)
- Blue (94%)



- Red (0%)
- Yellow (39%)
- Blue (94%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)

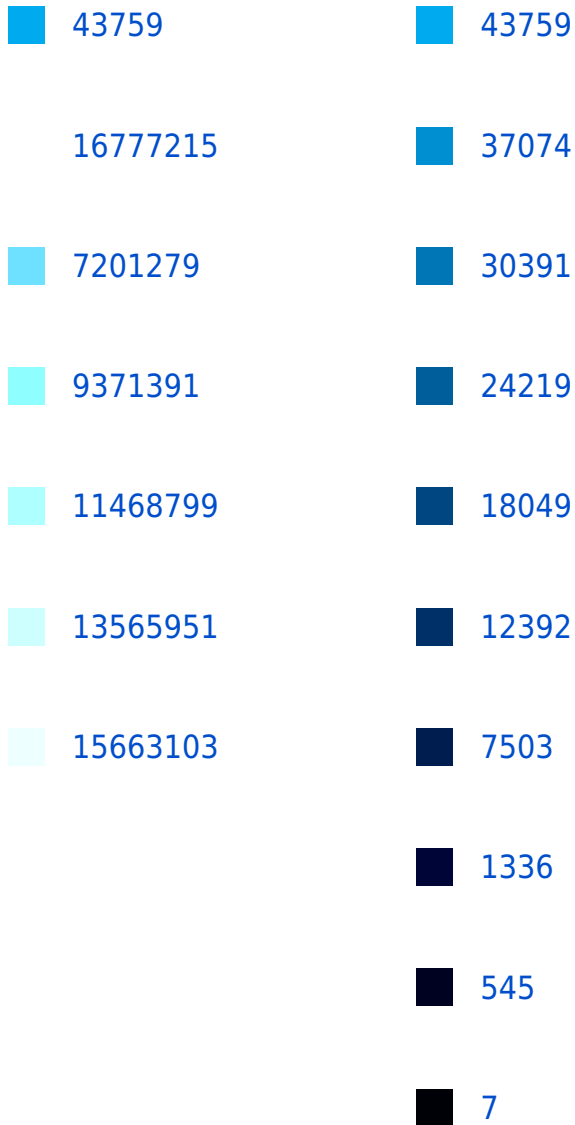


- Cyan (100%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 43759 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 43759 by changing the saturation by 10% instead.



■ 43759

■ 1618415

■ 3193071

■ 4767727

■ 6342383

■ 7851247

■ 9425903

■ 11000559

■ 12575215

■ 14149871

Harmonies

Analogous

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



45785



43759



8494576

Triad

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



43759



15629965



7777891

Complementary

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



43759



15680768

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.



10855501



43759



15042407

Square

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



43759



14844086



13276751



3519369

Rectangle

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



43759



11309796



13276751



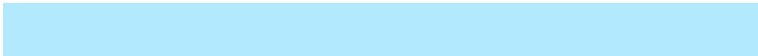
8891225

Sweetspot

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



43759



11790847



61252



5403264



0



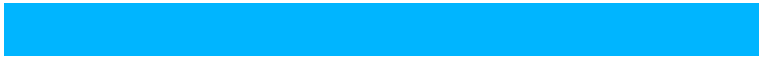
8421504

Same Dimension

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



43759



46591



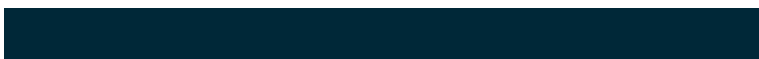
13551



7107704



33720



10296

Inverse Universe

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



15663274



16711861



15710976



7892084



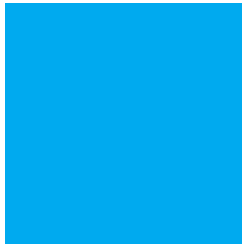
12058755



3670056

Previews

White Background



This preview shows how the Decimal color 43759 looks on a white background.

Color Contrast Check

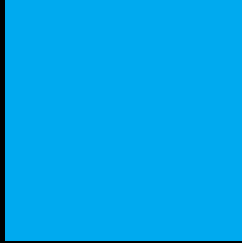
Large Text (above 18pt) WCAG AA × Fail

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 43759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

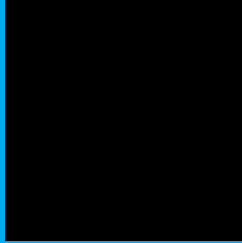
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

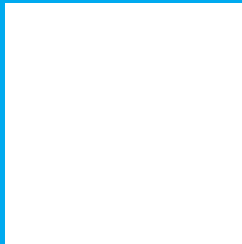
Any Text WCAG AAA ✓ Pass

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

Decimal 43759 Background



This preview shows how black text looks on a background with the Decimal color 43759.



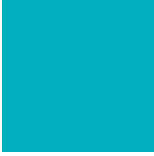
This preview shows how white text looks on a background with the Decimal color 43759.

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](#).

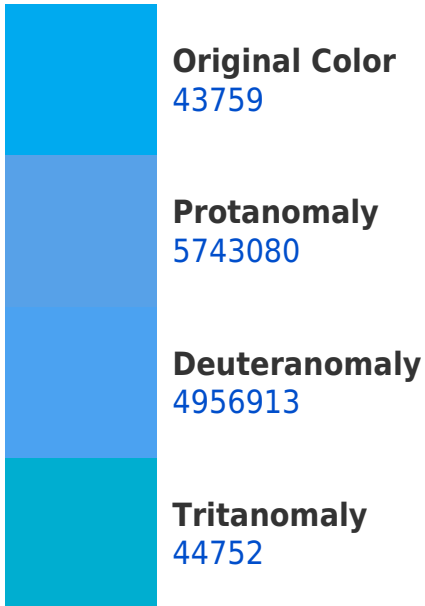
Dichromacy





Tritanopia
45246

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 43759 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 #00AAEF looks like.

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

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 #00AAEF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 43759 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
#00AAEF }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 43759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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