

Converting Colors

Decimal(47859)

Have a look what the booklet for
Decimal(47859) contains.

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Color

Decimal(47859)

Conversions

Conversions Part 1

Format	Color
Hex	00BAF3
RGB	0, 186, 243
RGB Percent	0%, 73%, 95%
CMY	1.0000, 0.2706, 0.0471
CMYK	1.00, 0.23, 0.00, 0.05
HSL	194°, 100%, 48%
HSV	194°, 100%, 95%
XYZ	33.7366, 41.5889, 91.0434
YIQ	136.8840, -129.1530, -21.7050

Conversions

Conversions Part 2

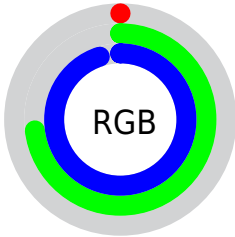
Format	Color
RYB	0, 105, 243
Decimal	47859
CIELab	70.59, -19.20, -39.13
CIELCh	71, 43.589, 243.865
Yxy	41.5889, 0.2028, 0.2500
Android (android.graphics.Color)	4278237939 (0xFF00BAF3)
YUV	136.8840, 52.3152, -120.0473
Hunter-Lab	64.4894, -19.4772, -38.5604

Details

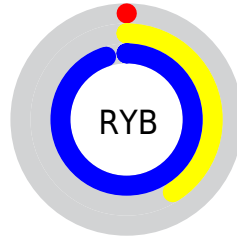
The Decimal color **47859** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **15939840**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **7336703**, and **34235** is the 20% darker color. If you saturate the color by 10%, you get **47859**, and if you desaturate by 10%, it is **1622259**.

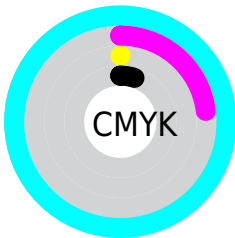
Distribution



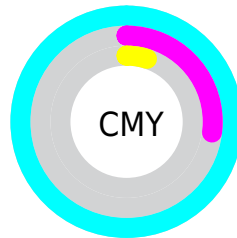
- Red (0%)
- Green (73%)
- Blue (95%)



- Red (0%)
- Yellow (41%)
- Blue (95%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47859 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 47859 by changing the saturation by 10% instead.

 47859	 47859
 16777215	 40918
 7336703	 34235
 9568255	 27807
 11665407	 21381
 13762559	 15467
 15859711	 9811
	 2620
	 549
	 269

■ 47859

■ 1622259

■ 3261939

■ 4836339

■ 6410739

■ 7984883

■ 9624819

■ 11199219

■ 12773619

■ 14413299

Harmonies

Analogous

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



49368



47859



7843835

Triad

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



47859



16223657



9942889

Complementary

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



47859



15939840

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.



12692572



47859



16159363

Square

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



47859



14848976



14851686



6667912

Rectangle

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



47859



10790389



14851686



10925154

Sweetspot

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



47859



11791871



62265



5404032



0



8421504

Same Dimension

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



47859



50175



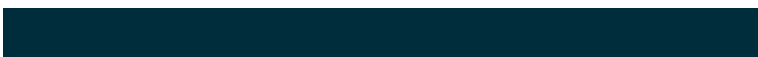
16883



7239802



36538



11579

Inverse Universe

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



15925434



16711875



15970816



8023672



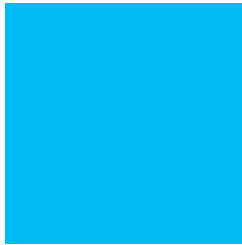
12189838



3866669

Previews

White Background



This preview shows how the Decimal color 47859 looks on a white background.

Color Contrast Check

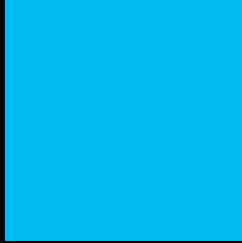
Large Text (above 18pt) WCAG AA × Fail

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 47859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

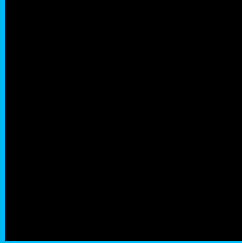
Any Text WCAG AA ✓ Pass

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 47859 Background



This preview shows how black text looks on a background with the Decimal color 47859.



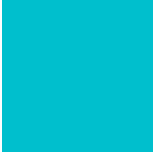
This preview shows how white text looks on a background with the Decimal color 47859.

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](#).

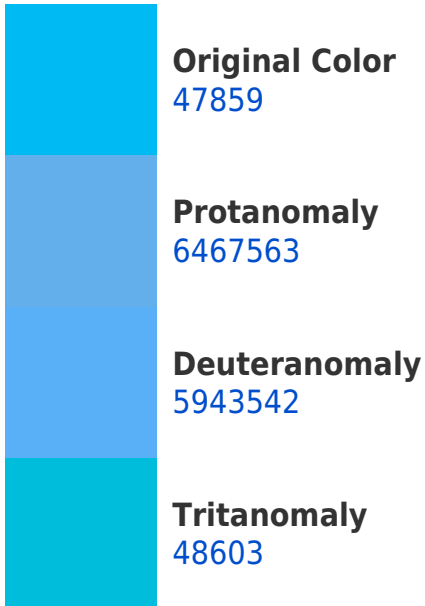
Dichromacy



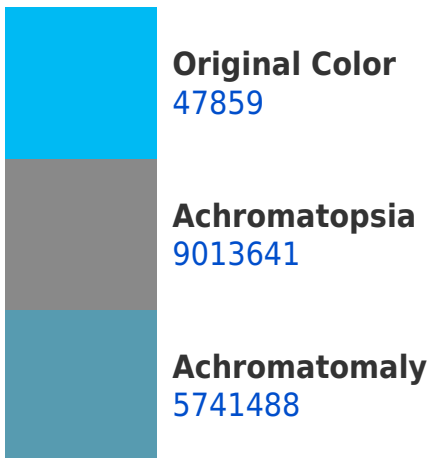


Tritanopia
49101

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47859 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 #00BAF3 looks like.

```
.text, #text, p{  
    color:#00BAF3  
}
```

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 #00BAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BAF3
}
```

Border

The CSS property to change the border of an element to Decimal 47859 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
#00BAF3 }
```

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

```
.border{ border-color:#00BAF3 }
```

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

Here you see how a box with a 4 pixel #00BAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BAF3; -webkit-box-shadow:4px 4px  
4px 4px #00BAF3; box-shadow:4px 4px 4px  
4px #00BAF3 }
```

Background

The CSS property to change the background color of an element to Decimal 47859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BAF3 }
```

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

```
.background{ background-color:#00BAF3 }
```

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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