

Converting Colors

Decimal(47583)

Have a look what the booklet for
Decimal(47583) contains.

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Color

Decimal(47583)

Conversions

Conversions Part 1

Format	Color
Hex	00B9DF
RGB	0, 185, 223
RGB Percent	0%, 73%, 87%
CMY	1.0000, 0.2745, 0.1255
CMYK	1.00, 0.17, 0.00, 0.13
HSL	190°, 100%, 44%
HSV	190°, 100%, 87%
XYZ	30.6682, 40.0256, 75.9214
YIQ	134.0170, -122.4580, -27.4020

Conversions

Conversions Part 2

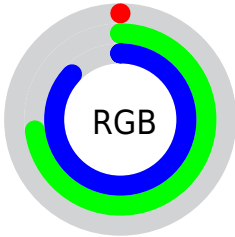
Format	Color
RYB	0, 101, 223
Decimal	47583
CIELab	69.49, -25.54, -29.96
CIELCh	69, 39.367, 229.551
Yxy	40.0256, 0.2092, 0.2730
Android (android.graphics.Color)	4278237663 (0xFF00B9DF)
YUV	134.0170, 43.8686, -117.5329
Hunter-Lab	63.2658, -24.1869, -26.8642

Details

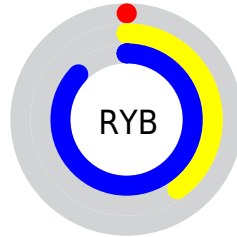
The Decimal color **47583** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14624256**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **7074303**, and **33960** is the 20% darker color. If you saturate the color by 10%, you get **47583**, and if you desaturate by 10%, it is **1490399**.

Distribution



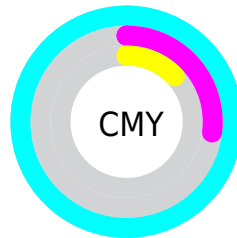
- Red (0%)
- Green (73%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)

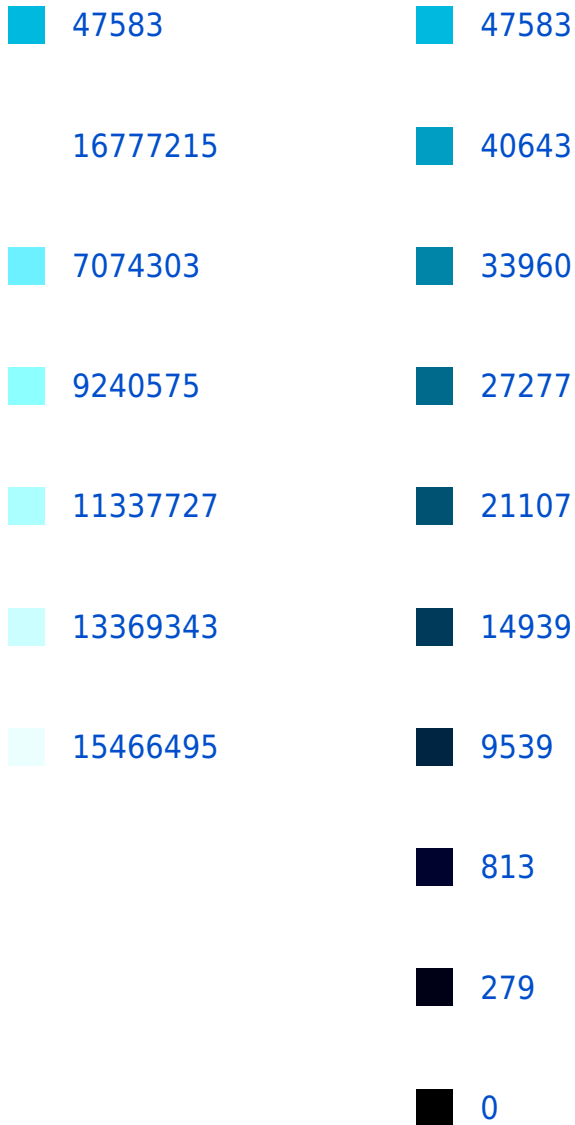


- Cyan (100%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47583 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 47583 by changing the saturation by 10% instead.



■ 47583

■ 1490399

■ 2998751

■ 4441311

■ 5884127

■ 7392479

■ 8835295

■ 10278111

■ 11720671

■ 13229023

Harmonies

Analogous

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



179648



47583



6140399

Triad

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



47583



15175608



11120485

Complementary

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



47583



14624256

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.



13411171



47583



15699860

Square

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



47583



13277400



15046517



8501114

Rectangle

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



47583



8956400



15046517



11971426

Sweetspot

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



47583



11793151



57125



5404800



0



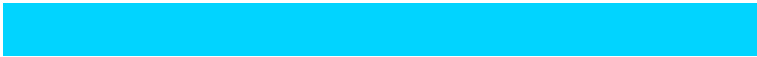
8421504

Same Dimension

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



47583



54527



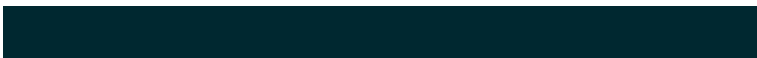
19167



6647408



37552



10288

Inverse Universe

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



14614713



16711892



14652672



7365998



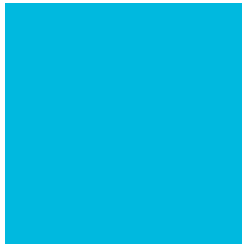
11534482



3145768

Previews

White Background



This preview shows how the Decimal color 47583 looks on a white background.

Color Contrast Check

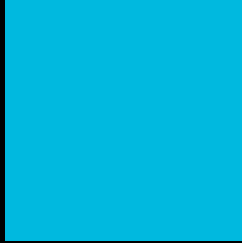
Large Text (above 18pt) WCAG AA × Fail

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 47583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

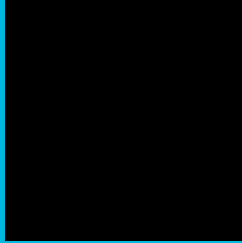
Any Text WCAG AA ✓ Pass

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 47583 Background



This preview shows how black text looks on a background with the Decimal color 47583.

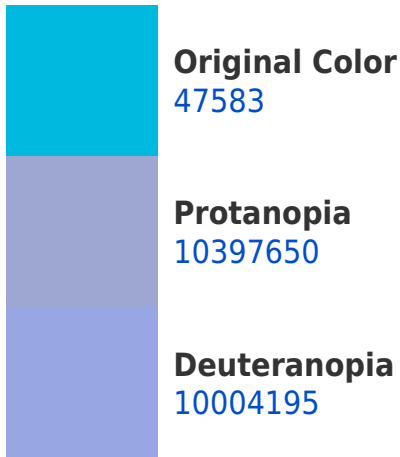


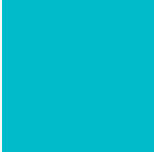
This preview shows how white text looks on a background with the Decimal color 47583.

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](#).

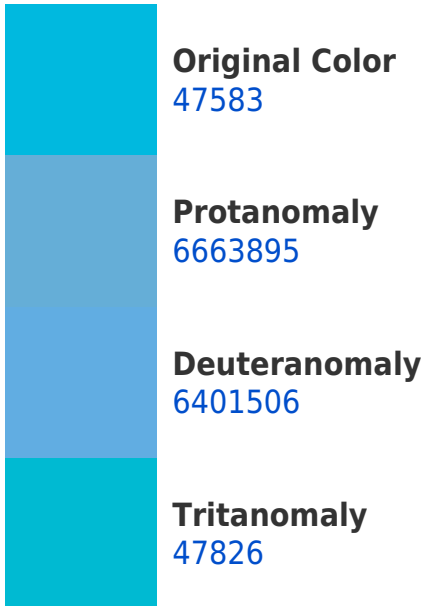
Dichromacy





Tritanopia
48074

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47583 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 #00B9DF looks like.

```
.text, #text, p{  
    color:#00B9DF  
}
```

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 #00B9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9DF
}
```

Border

The CSS property to change the border of an element to Decimal 47583 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
#00B9DF }
```

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

```
.border{ border-color:#00B9DF }
```

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

Here you see how a box with a 4 pixel #00B9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9DF; -webkit-box-shadow:4px 4px  
4px 4px #00B9DF; box-shadow:4px 4px 4px  
4px #00B9DF }
```

Background

The CSS property to change the background color of an element to Decimal 47583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9DF }
```

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

```
.background{ background-color:#00B9DF }
```

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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