

Converting Colors

Decimal(47853)

Have a look what the booklet for
Decimal(47853) contains.

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Color

Decimal(47853)

Conversions

Conversions Part 1

Format	Color
Hex	00BAED
RGB	0, 186, 237
RGB Percent	0%, 73%, 93%
CMY	1.0000, 0.2706, 0.0706
CMYK	1.00, 0.22, 0.00, 0.07
HSL	193°, 100%, 46%
HSV	193°, 100%, 93%
XYZ	32.8450, 41.2322, 86.3483
YIQ	136.2000, -127.2270, -23.5710

Conversions

Conversions Part 2

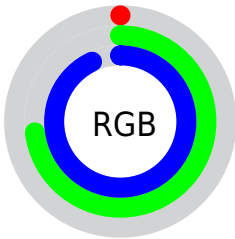
Format	Color
RYB	0, 104, 237
Decimal	47853
CIELab	70.34, -21.28, -36.26
CIELCh	70, 42.045, 239.598
Yxy	41.2322, 0.2047, 0.2570
Android (android.graphics.Color)	4278237933 (0xFF00BAED)
YUV	136.2000, 49.6944, -119.4474
Hunter-Lab	64.2123, -21.0678, -34.7804

Details

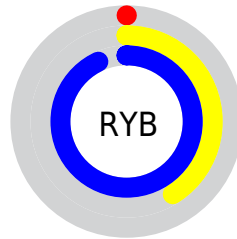
The Decimal color **47853** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **15545088**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **7271167**, and **34229** is the 20% darker color. If you saturate the color by 10%, you get **47853**, and if you desaturate by 10%, it is **1621997**.

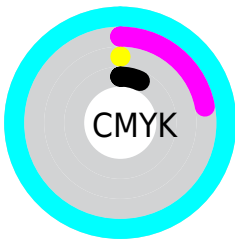
Distribution



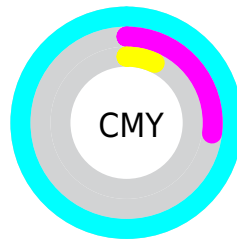
- Red (0%)
- Green (73%)
- Blue (93%)



- Red (0%)
- Yellow (41%)
- Blue (93%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)


















- Cyan (100%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47853 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 47853 by changing the saturation by 10% instead.

 47853	 47853
 16777215	 40913
 7271167	 34229
 9437183	 27546
 11599871	 21376
 13631487	 15462
 15728639	 9806
	 1847
	 545
	 6

■ 47853

■ 1621997

■ 3130605

■ 4704749

■ 6278893

■ 7787501

■ 9361901

■ 10936045

■ 12510189

■ 14018797

Harmonies

Analogous

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



49104



47853



7385336

Triad

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



47853



15896238



10335592

Complementary

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



47853



15545088

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.



12954206



47853



16028040

Square

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



47853



14390739



14916715



7323012

Rectangle

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



47853



10266612



14916715



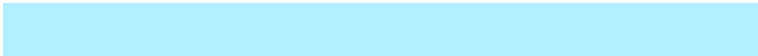
11252322

Sweetspot

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



47853



11792383



60719



5404288



0



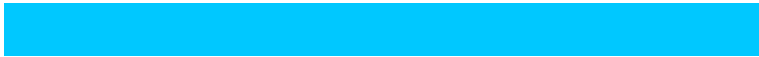
8421504

Same Dimension

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



47853



51455



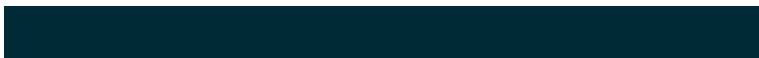
18413



6976373



36533



10806

Inverse Universe

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



15532218



16711880



15574528



7694963



11862158



3538986

Previews

White Background



This preview shows how the Decimal color 47853 looks on a white background.

Color Contrast Check

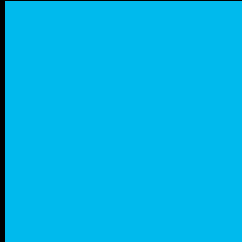
Large Text (above 18pt) WCAG AA × Fail

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 47853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

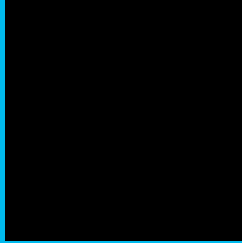
Any Text WCAG AA ✓ Pass

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 47853 Background



This preview shows how black text looks on a background with the Decimal color 47853.

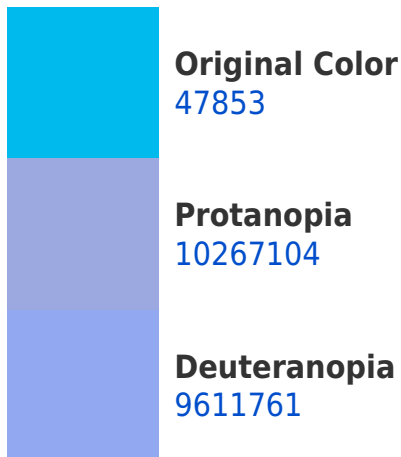


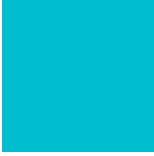
This preview shows how white text looks on a background with the Decimal color 47853.

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



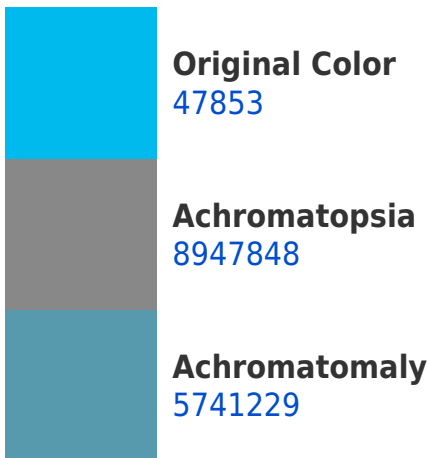


Tritanopia
48845

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47853 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 #00BAED looks like.

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

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 #00BAED colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 47853 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
#00BAED }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 47853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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