

Converting Colors

Decimal(48370)

Have a look what the booklet for
Decimal(48370) contains.

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Color

Decimal(48370)

Conversions

Conversions Part 1

Format	Color
Hex	00BCF2
RGB	0, 188, 242
RGB Percent	0%, 74%, 95%
CMY	1.0000, 0.2627, 0.0510
CMYK	1.00, 0.22, 0.00, 0.05
HSL	193°, 100%, 47%
HSV	193°, 100%, 95%
XYZ	34.0102, 42.3772, 90.3915
YIQ	137.9440, -129.3820, -23.0620

Conversions

Conversions Part 2

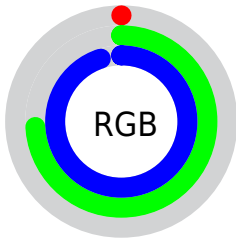
Format	Color
RYB	0, 106, 242
Decimal	48370
CIELab	71.13, -20.59, -37.74
CIELCh	71, 42.995, 241.387
Yxy	42.3772, 0.2039, 0.2541
Android (android.graphics.Color)	4278238450 (0xFF00BCF2)
YUV	137.9440, 51.2996, -120.9769
Hunter-Lab	65.0978, -20.6642, -36.7586

Details

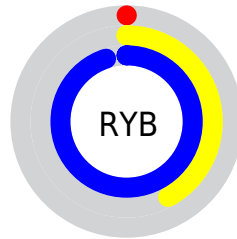
The Decimal color **48370** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **15873536**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **7337215**, and **34746** is the 20% darker color. If you saturate the color by 10%, you get **48370**, and if you desaturate by 10%, it is **1622514**.

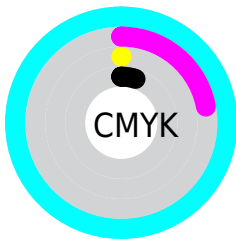
Distribution



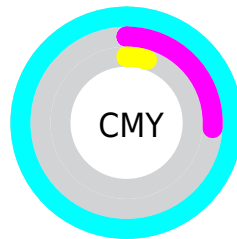
- Red (0%)
- Green (74%)
- Blue (95%)



- Red (0%)
- Yellow (42%)
- Blue (95%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48370 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 48370 by changing the saturation by 10% instead.

 48370	 48370
 16777215	 41429
 7337215	 34746
 9568255	 28063
 11665407	 21892
 13762559	 15979
 15859711	 10322
	 3387
	 548
	 13

■ 48370

■ 1622514

■ 3196914

■ 4836594

■ 6410994

■ 7985138

■ 9559282

■ 11133682

■ 12773362

■ 14347762

Harmonies

Analogous

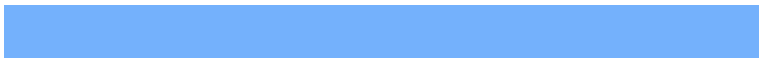
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49878



48370



7647740

Triad

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



48370



16224174



10270825

Complementary

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



48370



15873536

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.



12954719



48370



16225159

Square

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



48370



14784212



15048554



7126919

Rectangle

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



48370



10594551



15048554



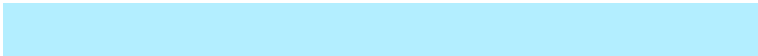
11252835

Sweetspot

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



48370



11792127



62004



5404032



0



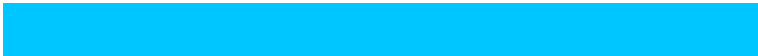
8421504

Same Dimension

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



48370



50943



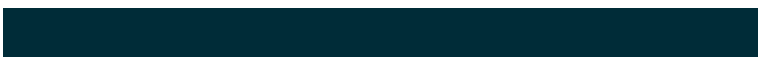
17906



7107960



36792



11320

Inverse Universe

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



15859900



16711878



15904000



7892085



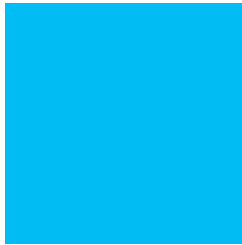
12058767



3670060

Previews

White Background



This preview shows how the Decimal color 48370 looks on a white background.

Color Contrast Check

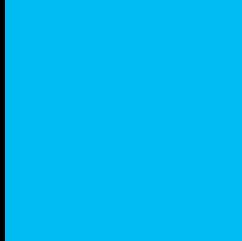
Large Text (above 18pt) WCAG AA × Fail

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 48370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

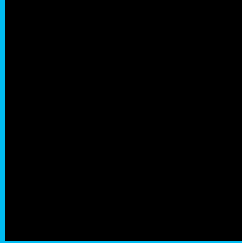
Any Text WCAG AA ✓ Pass

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 48370 Background



This preview shows how black text looks on a background with the Decimal color 48370.



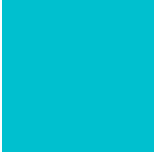
This preview shows how white text looks on a background with the Decimal color 48370.

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



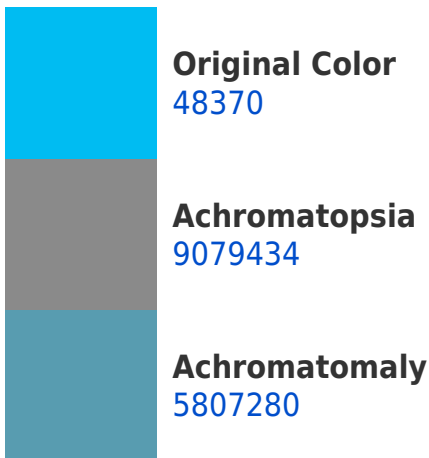


Tritanopia
49359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 48370 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 #00BCF2 looks like.

```
.text, #text, p{  
    color:#00BCF2  
}
```

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 #00BCF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BCF2
}
```

Border

The CSS property to change the border of an element to Decimal 48370 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
#00BCF2 }
```

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

```
.border{ border-color:#00BCF2 }
```

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

Here you see how a box with a 4 pixel #00BCF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BCF2; -webkit-box-shadow:4px 4px  
4px 4px #00BCF2; box-shadow:4px 4px 4px  
4px #00BCF2 }
```

Background

The CSS property to change the background color of an element to Decimal 48370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BCF2 }
```

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

```
.background{ background-color:#00BCF2 }
```

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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