

Converting Colors

Decimal(47871)

Have a look what the booklet for
Decimal(47871) contains.

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Color

Decimal(47871)

Conversions

Conversions Part 1

Format	Color
Hex	00BAFF
RGB	0, 186, 255
RGB Percent	0%, 73%, 100%
CMY	1.0000, 0.2706, 0.0000
CMYK	1.00, 0.27, 0.00, 0.00
HSL	196°, 100%, 50%
HSV	196°, 100%, 100%
XYZ	35.6089, 42.3378, 100.9030
YIQ	138.2520, -133.0050, -17.9730

Conversions

Conversions Part 2

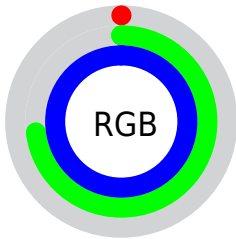
Format	Color
RYB	0, 108, 255
Decimal	47871
CIELab	71.10, -15.00, -44.81
CIELCh	71, 47.254, 251.497
Yxy	42.3378, 0.1991, 0.2367
Android (android.graphics.Color)	4278237951 (0xFF00BAFF)
YUV	138.2520, 57.5568, -121.2470
Hunter-Lab	65.0675, -16.1821, -46.3963

Details

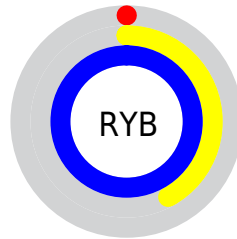
The Decimal color **47871** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **16729344**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **7467775**, and **34246** is the 20% darker color. If you saturate the color by 10%, you get **47871**, and if you desaturate by 10%, it is **1688063**.

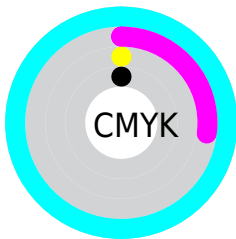
Distribution



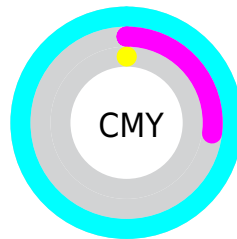
- Red (0%)
- Green (73%)
- Blue (100%)



- Red (0%)
- Yellow (42%)
- Blue (100%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)




















- Cyan (100%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47871 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 47871 by changing the saturation by 10% instead.

 47871	 47871
 16777215	 40930
 7467775	 34246
 9764863	 27818
 11862015	 21648
 13959167	 15734
 16056319	 10076
	 3909
	 813
	 280

■ 47871

■ 1688063

■ 3393791

■ 5099519

■ 6739711

■ 8445439

■ 10085375

■ 11791103

■ 13431295

■ 15137023

Harmonies

Analogous

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



49894



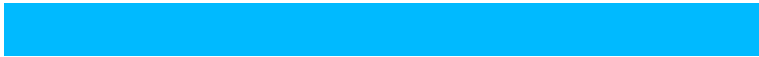
47871



8826367

Triad

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



47871



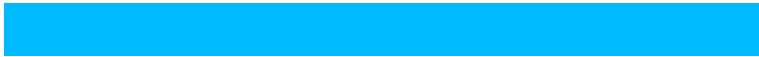
16747423



9026667

Complementary

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



47871



16729344

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.



12104023



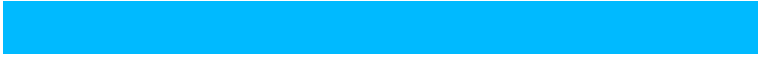
47871



16356215

Square

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



47871



15765450



14656092



5030545

Rectangle

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



47871



11838200



14656092



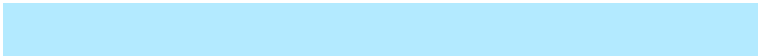
10140002

Sweetspot

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



47871



11791103



65348



5403520



0



8421504

Same Dimension

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



47871



15615



7568512



36031



12096

Inverse Universe

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



16711866



16761600



8418172



12517515



4194350

Previews

White Background



This preview shows how the Decimal color 47871 looks on a white background.

Color Contrast Check

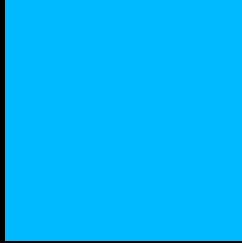
Large Text (above 18pt) WCAG AA × Fail

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 47871 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 47871 Background



This preview shows how black text looks on a background with the Decimal color 47871.



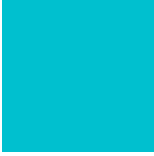
This preview shows how white text looks on a background with the Decimal color 47871.

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



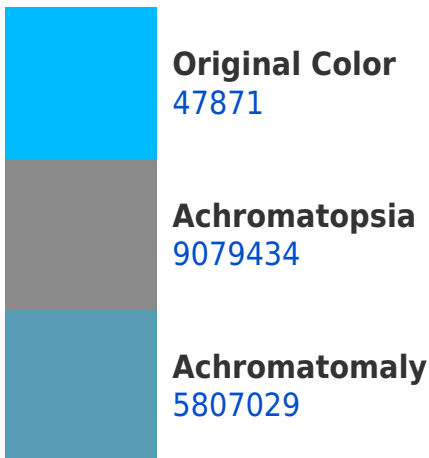


Tritanopia
49359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47871 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 #00BAFF looks like.

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

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 #00BAFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 47871 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
#00BAFF }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 47871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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