

Converting Colors

Decimal(41970)

Have a look what the booklet for
Decimal(41970) contains.

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Color

Decimal(41970)

Conversions

Conversions Part 1

Format	Color
Hex	00A3F2
RGB	0, 163, 242
RGB Percent	0%, 64%, 95%
CMY	1.0000, 0.3608, 0.0510
CMYK	1.00, 0.33, 0.00, 0.05
HSL	200°, 100%, 47%
HSV	200°, 100%, 95%
XYZ	29.1242, 32.6052, 88.7628
YIQ	123.2690, -122.5070, -9.9870

Conversions

Conversions Part 2

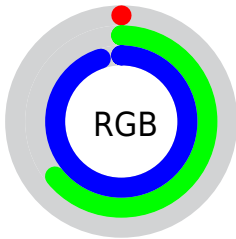
Format	Color
RYB	0, 97, 242
Decimal	41970
CIELab	63.84, -7.05, -49.18
CIELCh	64, 49.681, 261.841
Yxy	32.6052, 0.1935, 0.2167
Android (android.graphics.Color)	4278232050 (0xFF00A3F2)
YUV	123.2690, 58.5344, -108.1069
Hunter-Lab	57.1010, -8.8832, -52.1950

Details

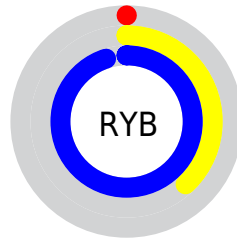
The Decimal color **41970** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **15879936**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **7199487**, and **28857** is the 20% darker color. If you saturate the color by 10%, you get **41970**, and if you desaturate by 10%, it is **1616882**.

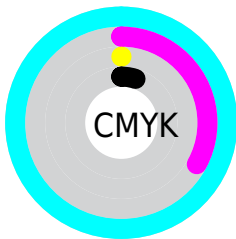
Distribution



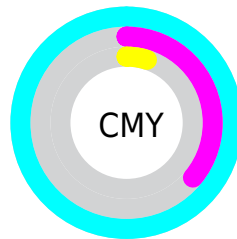
- Red (0%)
- Green (64%)
- Blue (95%)



- Red (0%)
- Yellow (38%)
- Blue (95%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)




















- Cyan (100%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41970 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 41970 by changing the saturation by 10% instead.

 41970	 41970
 16777215	 35285
 7199487	 28857
 9434879	 22686
 11534335	 16772
 13631487	 11114
 15663103	 6225
	 1338
	 547
	 10

- 41970
- 1616882
- 3191794
- 4832242
- 6407154
- 7982066
- 9556722
- 11131634
- 12772082
- 14346994

Harmonies

Analogous

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



44511



41970



9082093

Triad

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



41970



15562620



6269794

Complementary

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



41970



15879936

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.



9740868



41970



14582870

Square

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



41970



15103657



12555328



45197

Rectangle

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



41970



11897053



12555328



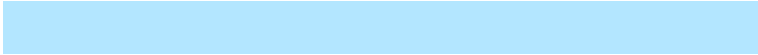
7579990

Sweetspot

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



41970



11790079



62029



5403008



0



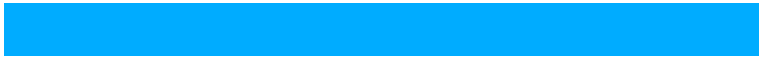
8421504

Same Dimension

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



41970



44287



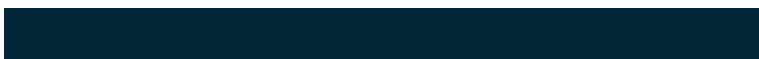
11506



7107704



31928



9784

Inverse Universe

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



15859875



16711852



15910400



7892084



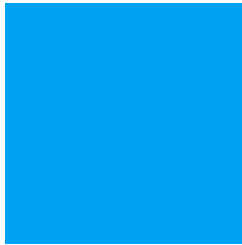
12058748



3670054

Previews

White Background



This preview shows how the Decimal color 41970 looks on a white background.

Color Contrast Check

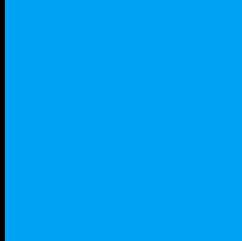
Large Text (above 18pt) WCAG AA × Fail

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 41970 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

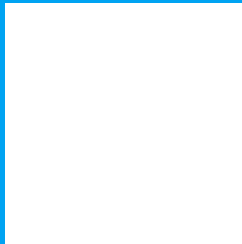
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 41970 Background



This preview shows how black text looks on a background with the Decimal color 41970.

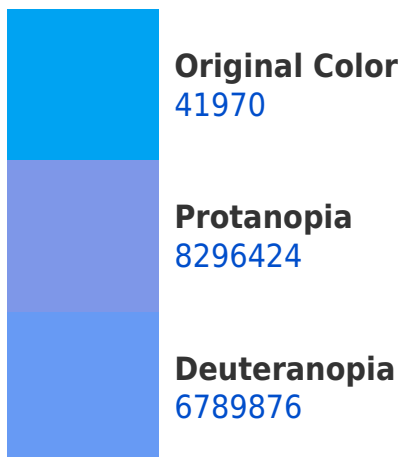


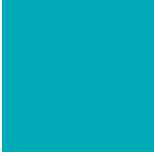
This preview shows how white text looks on a background with the Decimal color 41970.

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](#).

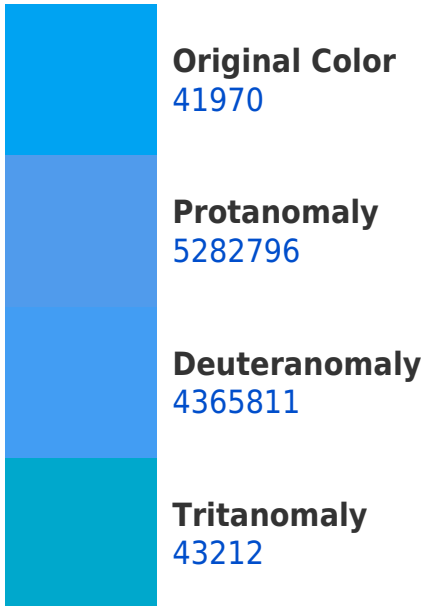
Dichromacy



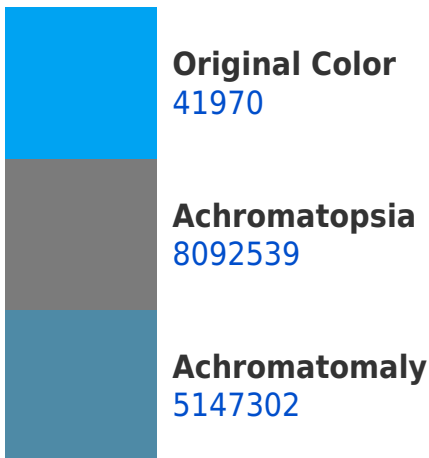


Tritanopia
43959

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 41970 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 #00A3F2 looks like.

```
.text, #text, p{  
    color:#00A3F2  
}
```

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 #00A3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3F2
}
```

Border

The CSS property to change the border of an element to Decimal 41970 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
#00A3F2 }
```

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

```
.border{ border-color:#00A3F2 }
```

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

Here you see how a box with a 4 pixel #00A3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3F2; -webkit-box-shadow:4px 4px  
4px 4px #00A3F2; box-shadow:4px 4px 4px  
4px #00A3F2 }
```

Background

The CSS property to change the background color of an element to Decimal 41970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3F2 }
```

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

```
.background{ background-color:#00A3F2 }
```

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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