

Converting Colors

Decimal(51961)

Have a look what the booklet for
Decimal(51961) contains.

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Color

Decimal(51961)

Conversions

Conversions Part 1

Format	Color
Hex	00CAF9
RGB	0, 202, 249
RGB Percent	0%, 79%, 98%
CMY	1.0000, 0.2078, 0.0235
CMYK	1.00, 0.19, 0.00, 0.02
HSL	191°, 100%, 49%
HSV	191°, 100%, 98%
XYZ	38.2194, 49.0806, 97.0817
YIQ	146.9600, -135.4790, -28.2070

Conversions

Conversions Part 2

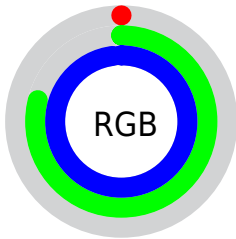
Format	Color
RYB	0, 112, 249
Decimal	51961
CIELab	75.50, -25.35, -34.74
CIELCh	76, 43.003, 233.875
Yxy	49.0806, 0.2073, 0.2662
Android (android.graphics.Color)	4278242041 (0xFF00CAF9)
YUV	146.9600, 50.3057, -128.8839
Hunter-Lab	70.0576, -25.2213, -33.1203

Details

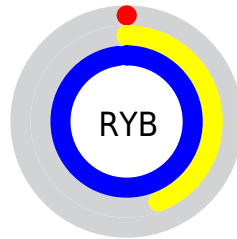
The Decimal color **51961** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16330496**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7471103**, and **38080** is the 20% darker color. If you saturate the color by 10%, you get **51961**, and if you desaturate by 10%, it is **1691641**.

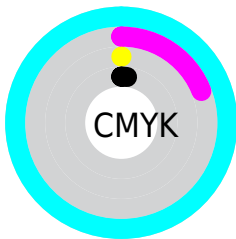
Distribution



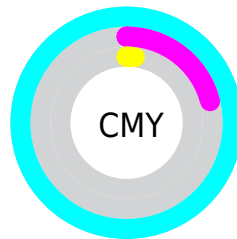
- Red (0%)
- Green (79%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51961 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 51961 by changing the saturation by 10% instead.

 51961	 51961
 16777215	 44764
 7471103	 38080
 9764863	 31397
 11862015	 24971
 14024703	 18801
 16121855	 12888
	 8000
	 810
	 276

■ 51961

■ 1691641

■ 3331065

■ 4970745

■ 6610425

■ 8249849

■ 9823993

■ 11463673

■ 13103353

■ 14742777

Harmonies

Analogous

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



53209



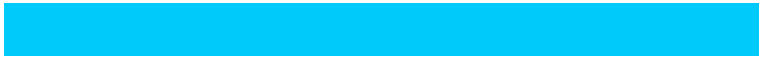
51961



7323903

Triad

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



51961



16751556



11780464

Complementary

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



51961



16330496

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.



14398827



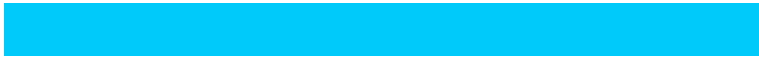
51961



16752028

Square

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



51961



14984425



16295803



8768138

Rectangle

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



51961



10402047



16295803



12697196

Sweetspot

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



51961



11792895



63790



5404544



0



8421504

Same Dimension

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



51961



53247



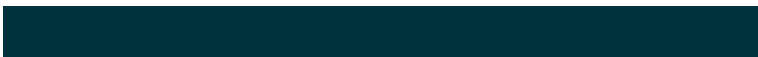
20473



7371645



39357



12861

Inverse Universe

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



16318666



16711887



16361984



8220795



12386457



3997746

Previews

White Background



This preview shows how the Decimal color 51961 looks on a white background.

Color Contrast Check

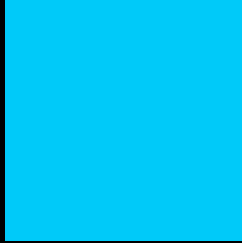
Large Text (above 18pt) WCAG AA × Fail

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 51961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

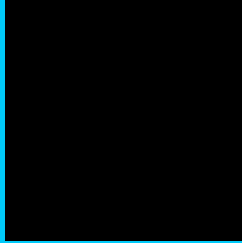
Any Text WCAG AA ✓ Pass

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 51961 Background



This preview shows how black text looks on a background with the Decimal color 51961.

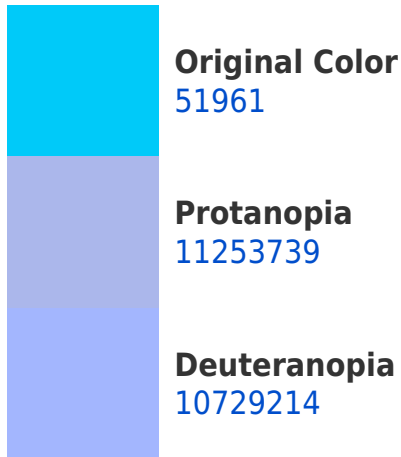


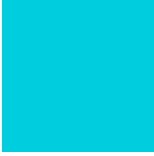
This preview shows how white text looks on a background with the Decimal color 51961.

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



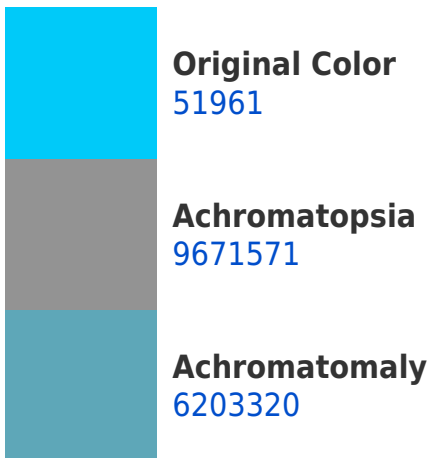


Tritanopia
52701

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 51961 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 #00CAF9 looks like.

```
.text, #text, p{  
    color:#00CAF9  
}
```

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 #00CAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CAF9
}
```

Border

The CSS property to change the border of an element to Decimal 51961 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
#00CAF9 }
```

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

```
.border{ border-color:#00CAF9 }
```

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

Here you see how a box with a 4 pixel #00CAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CAF9; -webkit-box-shadow:4px 4px  
4px 4px #00CAF9; box-shadow:4px 4px 4px  
4px #00CAF9 }
```

Background

The CSS property to change the background color of an element to Decimal 51961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CAF9 }
```

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

```
.background{ background-color:#00CAF9 }
```

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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