

Converting Colors

Decimal(639977)

Have a look what the booklet for
Decimal(639977) contains.

Decimal(639977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(639977)

Conversions

Conversions Part 1

Format	Color
Hex	09C3E9
RGB	9, 195, 233
RGB Percent	4%, 76%, 91%
CMY	0.9647, 0.2353, 0.0863
CMYK	0.96, 0.16, 0.00, 0.09
HSL	190°, 93%, 47%
HSV	190°, 96%, 91%
XYZ	34.3357, 44.9715, 83.9615
YIQ	143.7180, -123.0540, -27.6140

Conversions

Conversions Part 2

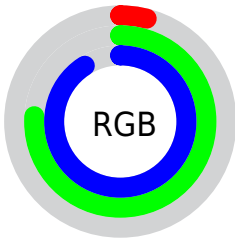
Format	Color
R_{YB}	9, 111, 233
Decimal	639977
CIE _{Lab}	72.87, -26.97, -30.17
CIE _{LCh}	73, 40.471, 228.204
Yxy	44.9715, 0.2103, 0.2754
Android (android.graphics.Color)	4278830057 (0xFF09C3E9)
YUV	143.7180, 44.0160, -118.1477
Hunter-Lab	67.0608, -25.9627, -27.2898

Details

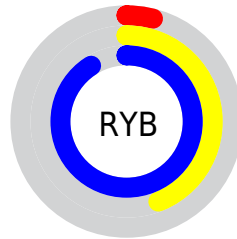
The Decimal color **639977** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **15281929**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **7339263**, and **36273** is the 20% darker color. If you saturate the color by 10%, you get **49641**, and if you desaturate by 10%, it is **2148329**.

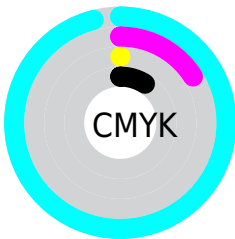
Distribution



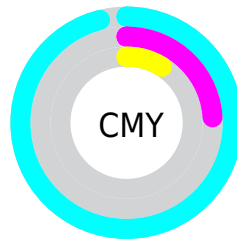
- Red (4%)
- Green (76%)
- Blue (91%)



- Red (4%)
- Yellow (44%)
- Blue (91%)



- Cyan (96%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)




















- Cyan (96%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 639977 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 639977 by changing the saturation by 10% instead.

 639977	 639977
 16777215	 43213
 7339263	 36273
 9568255	 29590
 11665407	 23164
 13762559	 17251
 15794175	 11339
	 5428
	 543
	 2

■ 639977

■ 639977

■ 49641

■ 2148329

■ 3722217

■ 5230569

■ 6738921

■ 8312809

■ 9821161

■ 11329513

■ 12837865

■ 14411753

Harmonies

Analogous

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



1427145



639977



6405115

Triad

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



639977



15833027



11843691

Complementary

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



639977



15281929

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.



14199914



639977



16488350

Square

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



639977



13869541



15835005



9093504

Rectangle

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



639977



9286652



15835005



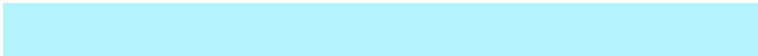
12694632

Sweetspot

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



639977



11924223



649518



5470336



0



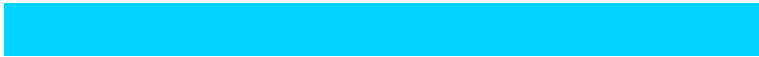
8421504

Same Dimension

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



639977



54527



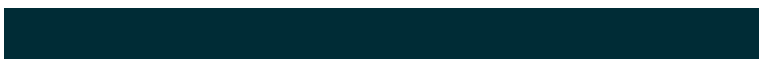
611561



6976373



38581



11318

Inverse Universe

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



15272387



16711892



15310345



7694963



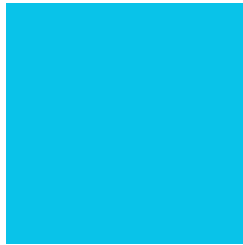
11862166



3538988

Previews

White Background



This preview shows how the Decimal color 639977 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 639977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

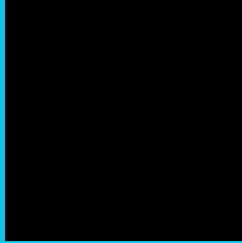
Any Text WCAG AA ✓ Pass

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 639977 Background



This preview shows how black text looks on a background with the Decimal color 639977.



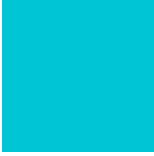
This preview shows how white text looks on a background with the Decimal color 639977.

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
50645

Trichromacy



Original Color
639977



Protanomaly
7256032



Deuteranomaly
6993644



Tritanomaly
247004

Monochromacy



Original Color
639977



Achromatopsia
9474192



Achromatomaly
6267824

CSS Examples

Text

The CSS property to change the color of the text to Decimal 639977 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 #09C3E9 looks like.

```
.text, #text, p{  
    color:#09C3E9  
}
```

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 #09C3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09C3E9
}
```

Border

The CSS property to change the border of an element to Decimal 639977 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
#09C3E9 }
```

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

```
.border{ border-color:#09C3E9 }
```

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

Here you see how a box with a 4 pixel #09C3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09C3E9; -webkit-box-shadow:4px 4px  
4px 4px #09C3E9; box-shadow:4px 4px 4px  
4px #09C3E9 }
```

Background

The CSS property to change the background color of an element to Decimal 639977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09C3E9 }
```

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

```
.background{ background-color:#09C3E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor