

Converting Colors

Decimal(637661)

Have a look what the booklet for
Decimal(637661) contains.

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Color

Decimal(637661)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 09BADD |
| RGB | 9, 186, 221 |
| RGB Percent | 4%, 73%, 87% |
| CMY | 0.9647, 0.2706, 0.1333 |
| CMYK | 0.96, 0.16, 0.00, 0.13 |
| HSL | 190°, 92%, 45% |
| HSV | 190°, 96%, 87% |
| XYZ | 30.7227, 40.3963, 74.5846 |
| YIQ | 137.0670, -116.7270, -26.6390 |

Conversions

Conversions Part 2

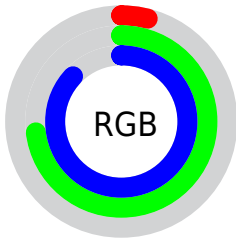
| Format | Color |
|-------------------------------------|--|
| RYB | 9, 105, 221 |
| Decimal | 637661 |
| CIELab | 69.75, -26.47, -28.46 |
| CIELCh | 70, 38.865, 227.070 |
| Yxy | 40.3963, 0.2109, 0.2772 |
| Android (android.graphics.Color) | 4278827741 (0xFF09BADD) |
| YUV | 137.0670, 41.3790, -112.3148 |
| Hunter-Lab | 63.5581, -24.9434, -25.0854 |

Details

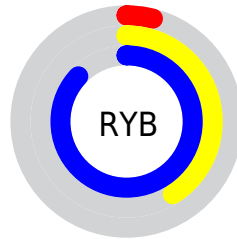
The Decimal color **637661** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14494729**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7140095**, and **34214** is the 20% darker color. If you saturate the color by 10%, you get **47581**, and if you desaturate by 10%, it is **2080477**.

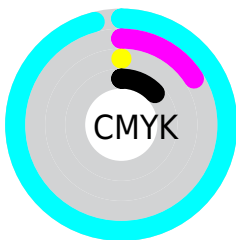
Distribution



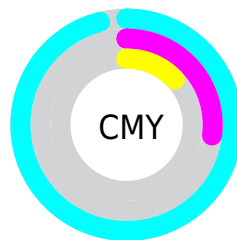
- Red (4%)
- Green (73%)
- Blue (87%)



- Red (4%)
- Yellow (41%)
- Blue (87%)



- Cyan (96%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)

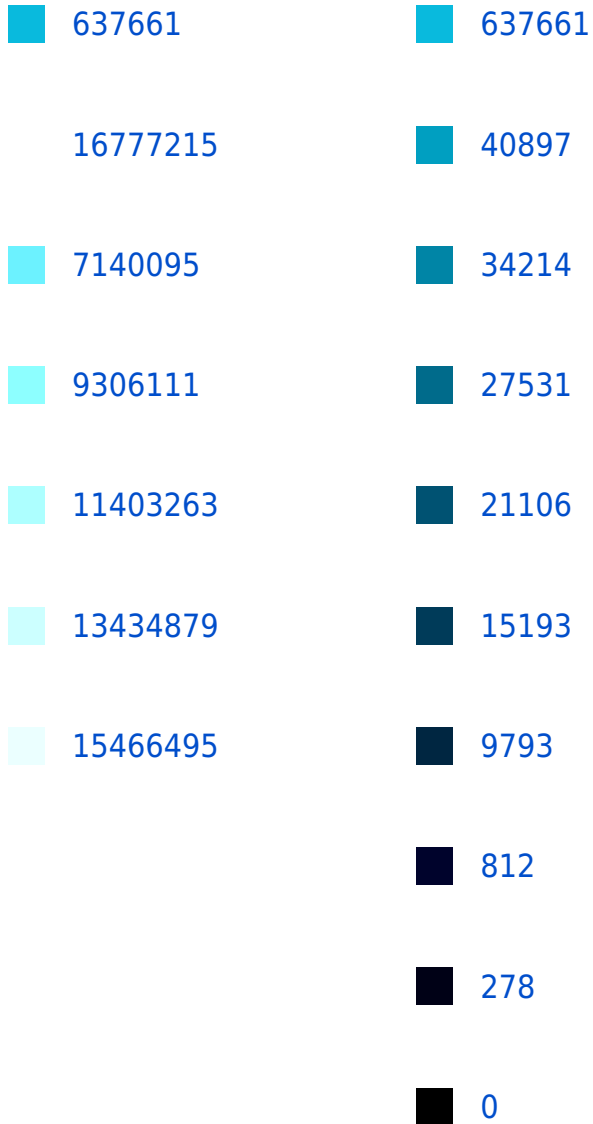


- Cyan (96%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 637661 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 637661 by changing the saturation by 10% instead.



■ 637661

■ 637661

■ 47581

■ 2080477

■ 3523037

■ 4965853

■ 6408669

■ 7916765

■ 9359581

■ 10802397

■ 12244957

■ 13687773

Harmonies

Analogous

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



1752510



637661



5944047

Triad

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



637661



15044795



11382630

Complementary

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



637661



14494729

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.



13607782



637661



15699863

Square

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



637661



13081307



15112056



8763257

Rectangle

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



637661



8694768



15112056



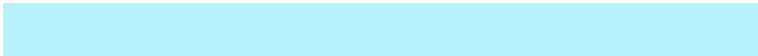
12168035

Sweetspot

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



637661



11924479



646441



5470336



0



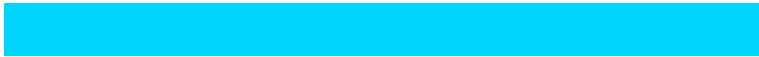
8421504

Same Dimension

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



637661



54783



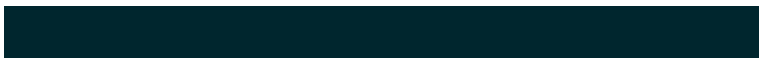
611293



6515822



37293



9774

Inverse Universe

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



14485946



16711893



14521097



7234412



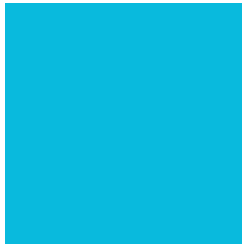
11337873



3014694

Previews

White Background



This preview shows how the Decimal color 637661 looks on a white background.

Color Contrast Check

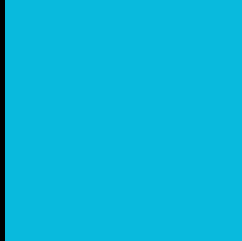
Large Text (above 18pt) WCAG AA × Fail

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 637661 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 637661 Background



This preview shows how black text looks on a background with the Decimal color 637661.



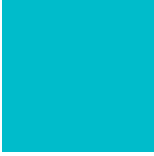
This preview shows how white text looks on a background with the Decimal color 637661.

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
48331

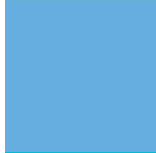
Trichromacy



Original Color
637661



Protanomaly
6926037



Deuteranomaly
6729440



Tritanomaly
244690

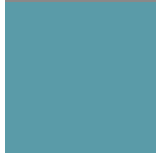
Monochromacy



Original Color
637661



Achromatopsia
9013641



Achromatomaly
5938088

CSS Examples

Text

The CSS property to change the color of the text to Decimal 637661 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 #09BADD looks like.

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

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 #09BADD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 637661 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
#09BADD }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 637661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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