

Converting Colors

Decimal(4049638)

Have a look what the booklet for
Decimal(4049638) contains.

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Color

Decimal(4049638)

Conversions

Conversions Part 1

Format	Color
Hex	3DCAE6
RGB	61, 202, 230
RGB Percent	24%, 79%, 90%
CMY	0.7608, 0.2078, 0.0980
CMYK	0.73, 0.12, 0.00, 0.10
HSL	190°, 77%, 57%
HSV	190°, 73%, 90%
XYZ	37.3279, 48.9463, 82.3431
YIQ	163.0330, -93.0240, -21.1840

Conversions

Conversions Part 2

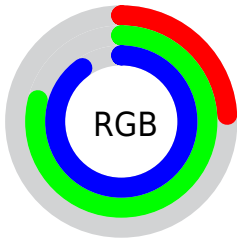
Format	Color
RYB	61, 138, 230
Decimal	4049638
CIELab	75.42, -27.88, -24.60
CIELCh	75, 37.184, 221.417
Yxy	48.9463, 0.2214, 0.2903
Android (android.graphics.Color)	4282239718 (0xFF3DCAE6)
YUV	163.0330, 33.0147, -89.4829
Hunter-Lab	69.9617, -27.1945, -20.8097

Details

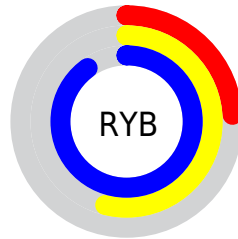
The Decimal color **4049638** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **15096125**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **8650751**, and **38062** is the 20% darker color. If you saturate the color by 10%, you get **2541286**, and if you desaturate by 10%, it is **5557990**.

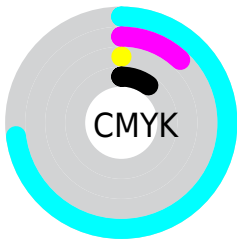
Distribution



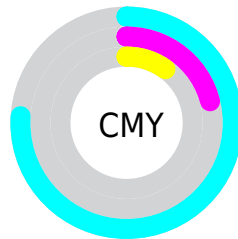
- Red (24%)
- Green (79%)
- Blue (90%)



- Red (24%)
- Yellow (54%)
- Blue (90%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)

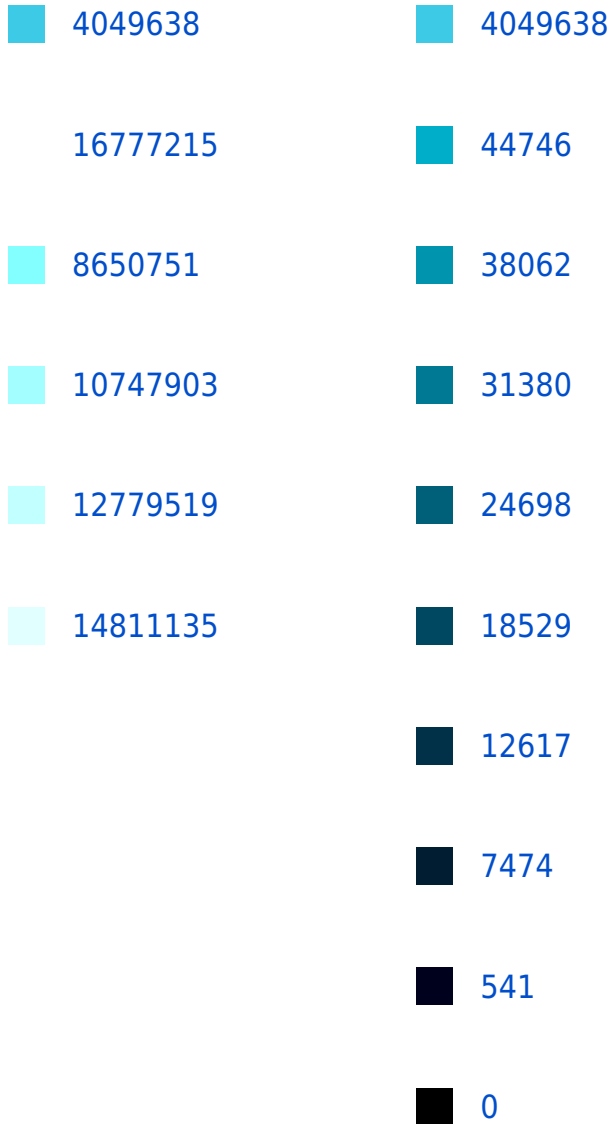


- Cyan (76%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4049638 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 4049638 by changing the saturation by 10% instead.



■ 4049638

■ 4049638

■ 2541286

■ 5557990

■ 1032934

■ 7066342

■ 49382

■ 8574438

■ 10082790

■ 11591142

■ 13099494

■ 14607846

■ 16115942

■ 16772326

Harmonies

Analogous

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



4967622



4049638



6800378

Triad

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



4049638



15704784



12893302

Complementary

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



4049638



15096125

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.



14921849



4049638



16621742

Square

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



4049638



13610221



16295310



10405253

Rectangle

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



4049638



9223678



16295310



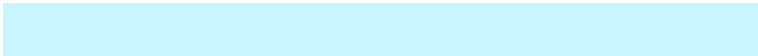
13613173

Sweetspot

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



4049638



13104895



4056662



6191744



0



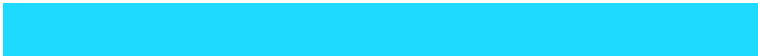
8421504

Same Dimension

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



4049638



2087679



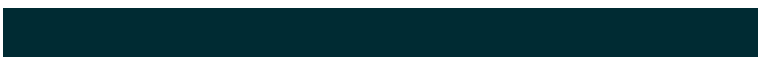
4028646



6779251



38323



11059

Inverse Universe

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



15089098



16719834



15117117



7563121



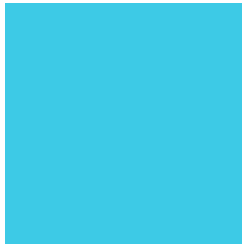
11731093



3342379

Previews

White Background



This preview shows how the Decimal color 4049638 looks on a white background.

Color Contrast Check

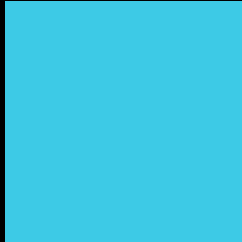
Large Text (above 18pt) WCAG AA × Fail

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 4049638 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 4049638 Background



This preview shows how black text looks on a background with the Decimal color 4049638.



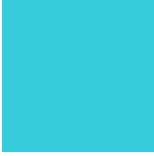
This preview shows how white text looks on a background with the Decimal color 4049638.

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



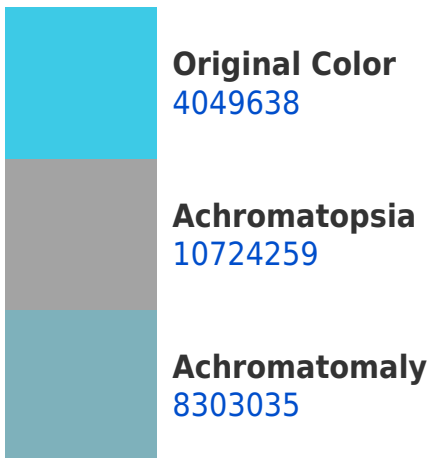


Tritanopia
3591388

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4049638 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 #3DCAE6 looks like.

```
.text, #text, p{  
  color:#3DCAE6  
}
```

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 #3DCAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCAE6
}
```

Border

The CSS property to change the border of an element to Decimal 4049638 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
#3DCAE6 }
```

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

```
.border{ border-color:#3DCAE6 }
```

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

Here you see how a box with a 4 pixel #3DCAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCAE6; -webkit-box-shadow:4px 4px  
4px 4px #3DCAE6; box-shadow:4px 4px 4px  
4px #3DCAE6 }
```

Background

The CSS property to change the background color of an element to Decimal 4049638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCAE6 }
```

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

```
.background{ background-color:#3DCAE6 }
```

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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