

# Converting Colors

Decimal(2871009)

Have a look what the booklet for  
Decimal(2871009) contains.

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# **Color**

**Decimal(2871009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BCEE1
RGB	43, 206, 225
RGB Percent	17%, 81%, 88%
CMY	0.8314, 0.1922, 0.1176
CMYK	0.81, 0.08, 0.00, 0.12
HSL	186°, 75%, 53%
HSV	186°, 81%, 88%
XYZ	36.6582, 50.0924, 78.9709
YIQ	159.4290, -103.2470, -28.6470

# Conversions

## Conversions Part 2

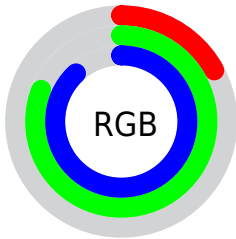
Format	Color
R <sub>Y</sub> B	43, 129, 225
Decimal	2871009
CIE Lab	76.13, -33.14, -20.86
CIE LCh	76, 39.156, 212.183
Yxy	50.0924, 0.2212, 0.3023
Android (android.graphics.Color)	4281061089 (0xFF2BCEE1)
YUV	159.4290, 32.3265, -102.1082
Hunter-Lab	70.7760, -31.4046, -16.6117

# Details

The Decimal color **2871009** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **14761515**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **7995391**, and **38826** is the 20% darker color. If you saturate the color by 10%, you get **1428705**, and if you desaturate by 10%, it is **4378849**.

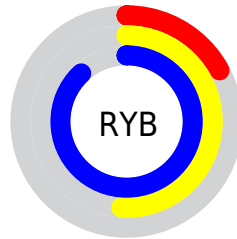
# Distribution



Red (17%)

Green (81%)

Blue (88%)



Red (17%)

Yellow (51%)

Blue (88%)

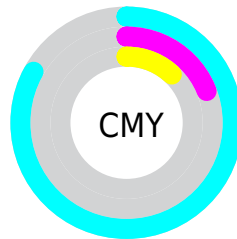


Cyan (81%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (83%)

Magenta (19%)

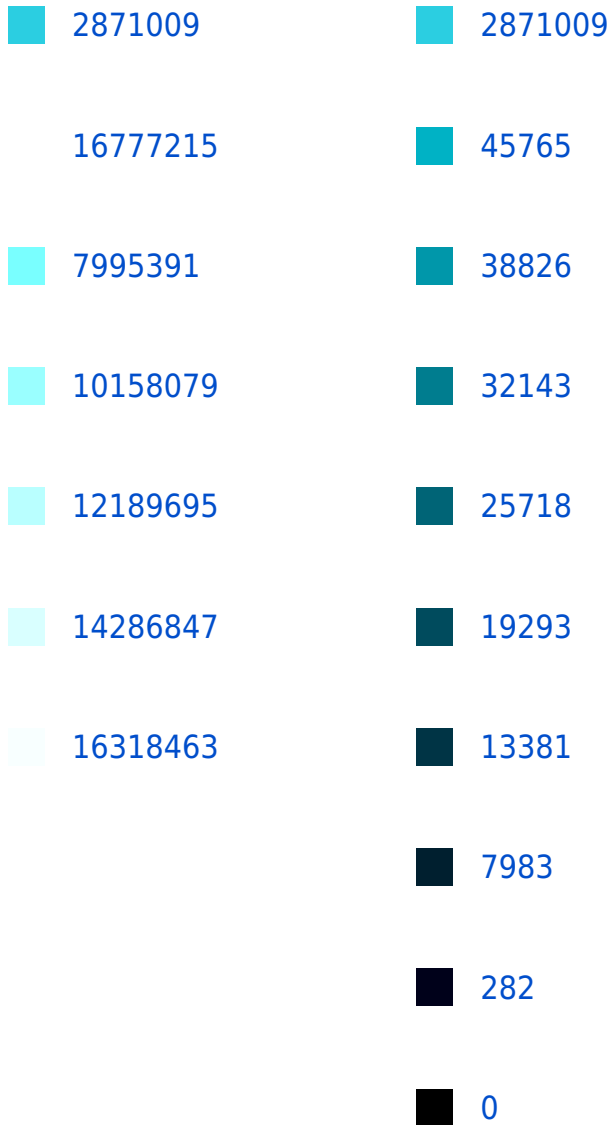
Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2871009 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 2871009 by changing the saturation by 10% instead.





■ 2871009

■ 2871009

■ 1428705

■ 4378849

■ 51937

■ 5821409

■ 7329249

■ 8771553

■ 10279649

■ 11721953

■ 13229793

■ 14672353

■ 16180193

# Harmonies

## Analogous

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



5296061



2871009



5228795

# Triad

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



2871009



15508958



13744755

# Complementary

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



2871009



14761515

# 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.



15707773



2871009



16752826

# Square

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



2871009



12825081



16753559



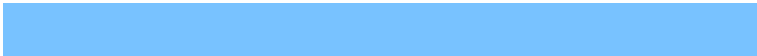
11257213

# Rectangle

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



2871009



7914239



16753559



14464628

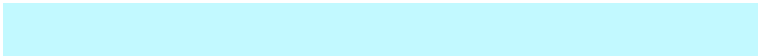


# Sweetspot

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



2871009



12777983



2875709



5995648



0



8421504



# Same Dimension

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



2871009



583167



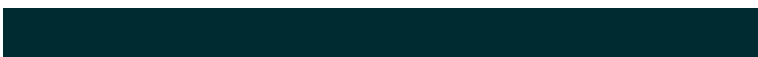
2847969



6647664



40624



11056



# Inverse Universe

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



14756814



16713957



14784555



7365999



11534494

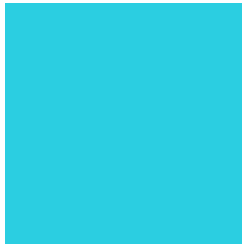


3145771



# Previews

## White Background



This preview shows how the Decimal color 2871009 looks on a white background.

## Color Contrast Check

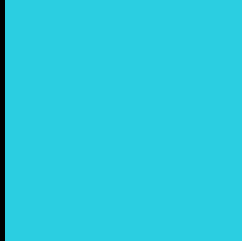
Large Text (above 18pt) WCAG AA × Fail

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 2871009 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

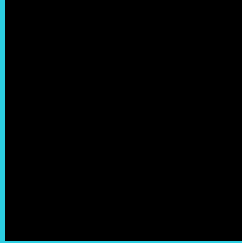
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 2871009 Background



This preview shows how black text looks on a background with the Decimal color 2871009.

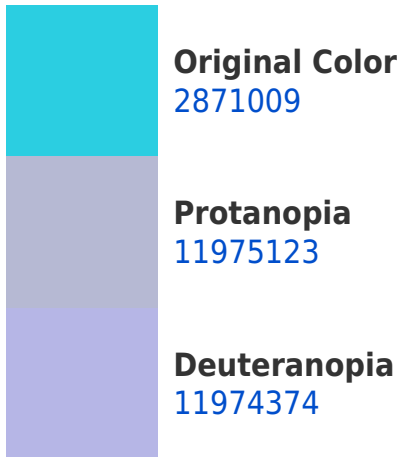


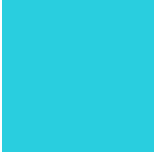
This preview shows how white text looks on a background with the Decimal color 2871009.

# 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**  
2739935

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2871009 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 #2BCEE1 looks like.

```
.text, #text, p{  
  color:#2BCEE1  
}
```

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 #2BCEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BCEE1  
}
```

## Border

The CSS property to change the border of an element to Decimal 2871009 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  
#2BCEE1 }
```

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

```
.border{ border-color:#2BCEE1 }
```

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

Here you see how a box with a 4 pixel #2BCEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BCEE1; -webkit-box-shadow:4px 4px  
4px 4px #2BCEE1; box-shadow:4px 4px 4px  
4px #2BCEE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 2871009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BCEE1 }
```

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

```
.background{ background-color:#2BCEE1 }
```

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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