

Converting Colors

Decimal(4970969)

Have a look what the booklet for
Decimal(4970969) contains.

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Color

Decimal(4970969)

Conversions

Conversions Part 1

Format	Color
Hex	4BD9D9
RGB	75, 217, 217
RGB Percent	29%, 85%, 85%
CMY	0.7059, 0.1490, 0.1490
CMYK	0.65, 0.00, 0.00, 0.15
HSL	180°, 65%, 57%
HSV	180°, 65%, 85%
XYZ	40.2389, 56.1313, 74.3593
YIQ	174.5420, -84.6320, -30.1040

Conversions

Conversions Part 2

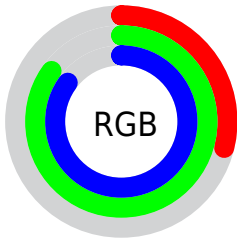
Format	Color
RYB	75, 146, 217
Decimal	4970969
CIELab	79.69, -37.01, -11.15
CIELCh	80, 38.653, 196.758
Yxy	56.1313, 0.2357, 0.3288
Android (android.graphics.Color)	4283161049 (0xFF4BD9D9)
YUV	174.5420, 20.9318, -87.2983
Hunter-Lab	74.9208, -35.2417, -6.4010

Details

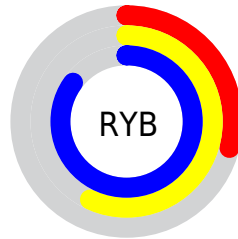
The Decimal color **4970969** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14240587**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **9306111**, and **41634** is the 20% darker color. If you saturate the color by 10%, you get **3529177**, and if you desaturate by 10%, it is **6412761**.

Distribution



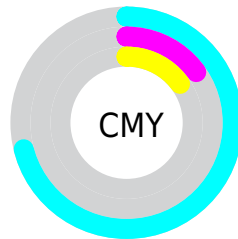
- Red (29%)
- Green (85%)
- Blue (85%)



- Red (29%)
- Yellow (57%)
- Blue (85%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4970969 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 4970969 by changing the saturation by 10% instead.

 4970969


 4970969

16777215

 2014653

 9306111

 41634

 11337727

 34696

 13303807

 28015

 15335423

 21590

 15423

 10025

 278

 0

■ 4970969

■ 4970969

■ 3529177

■ 6412761

■ 2152921

■ 7789017

■ 711129

■ 9230809

■ 55769

■ 10672601

■ 12048857

■ 13490649

■ 14932441

■ 16374233

■ 16767449

Harmonies

Analogous

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



7723188



4970969



4773625

Triad

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



4970969



14923255



15515264

Complementary

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



4970969



14240587

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.



16757395



4970969



16755927

Square

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



4970969



11780863



16755378



13290112

Rectangle

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



4970969



6803967



16755378



16169604

Sweetspot

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



4970969



13434879



4970827



6389888



0



8421504

Same Dimension

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



4970969



3604479



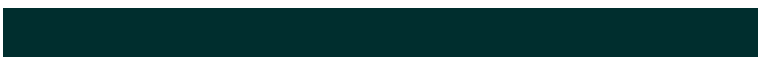
4952793



6516334



44461



11822

Inverse Universe

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



14240729



16725759



14258763



7234414



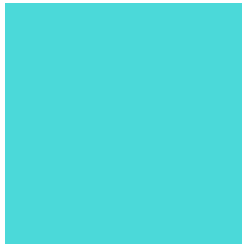
11337901



3014702

Previews

White Background



This preview shows how the Decimal color 4970969 looks on a white background.

Color Contrast Check

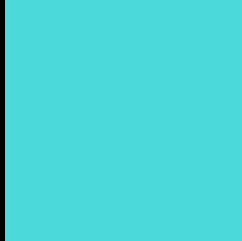
Large Text (above 18pt) WCAG AA × Fail

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 4970969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

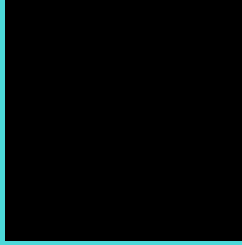
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

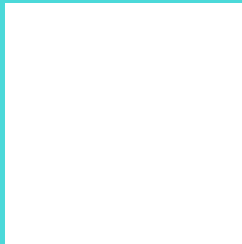
Any Text WCAG AAA ✓ Pass

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

Decimal 4970969 Background



This preview shows how black text looks on a background with the Decimal color 4970969.

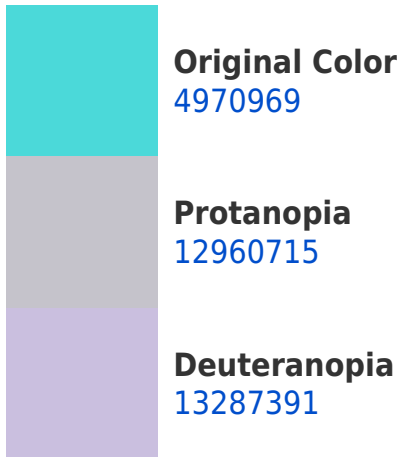


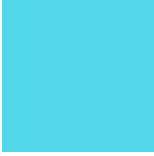
This preview shows how white text looks on a background with the Decimal color 4970969.

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
5494760

Trichromacy



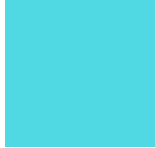
Original Color
4970969



Protanomaly
10079184



Deuteranomaly
10275037

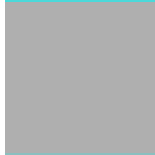


Tritanomaly
5298403

Monochromacy



Original Color
4970969



Achromatopsia
11513775



Achromatomaly
9158334

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4970969 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 #4BD9D9 looks like.

```
.text, #text, p{  
    color:#4BD9D9  
}
```

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 #4BD9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD9D9
}
```

Border

The CSS property to change the border of an element to Decimal 4970969 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
#4BD9D9 }
```

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

```
.border{ border-color:#4BD9D9 }
```

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

Here you see how a box with a 4 pixel #4BD9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD9D9; -webkit-box-shadow:4px 4px  
4px 4px #4BD9D9; box-shadow:4px 4px 4px  
4px #4BD9D9 }
```

Background

The CSS property to change the background color of an element to Decimal 4970969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD9D9 }
```

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

```
.background{ background-color:#4BD9D9 }
```

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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