

Converting Colors

Decimal(2804693)

Have a look what the booklet for
Decimal(2804693) contains.

Decimal(2804693)	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(2804693)

Conversions

Conversions Part 1

Format	Color
Hex	2ACBD5
RGB	42, 203, 213
RGB Percent	16%, 80%, 84%
CMY	0.8353, 0.2039, 0.1647
CMYK	0.80, 0.05, 0.00, 0.16
HSL	184°, 67%, 50%
HSV	184°, 80%, 84%
XYZ	34.3210, 48.0082, 70.4084
YIQ	156.0010, -99.1660, -31.0220

Conversions

Conversions Part 2

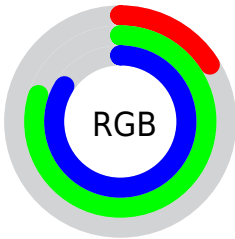
Format	Color
R _Y B	42, 125, 213
Decimal	2804693
CIE Lab	74.83, -35.46, -16.35
CIE LCh	75, 39.045, 204.748
Yxy	48.0082, 0.2247, 0.3143
Android (android.graphics.Color)	4280994773 (0xFF2ACBD5)
YUV	156.0010, 28.1005, -99.9789
Hunter-Lab	69.2880, -32.8359, -11.7472

Details

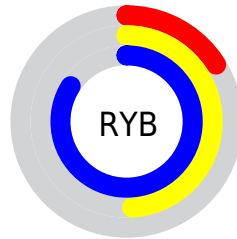
The Decimal color **2804693** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **13972522**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **7864319**, and **38046** is the 20% darker color. If you saturate the color by 10%, you get **1428181**, and if you desaturate by 10%, it is **4181205**.

Distribution



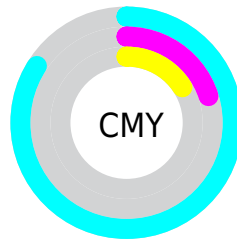
- Red (16%)
- Green (80%)
- Blue (84%)



- Red (16%)
- Yellow (49%)
- Blue (84%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)

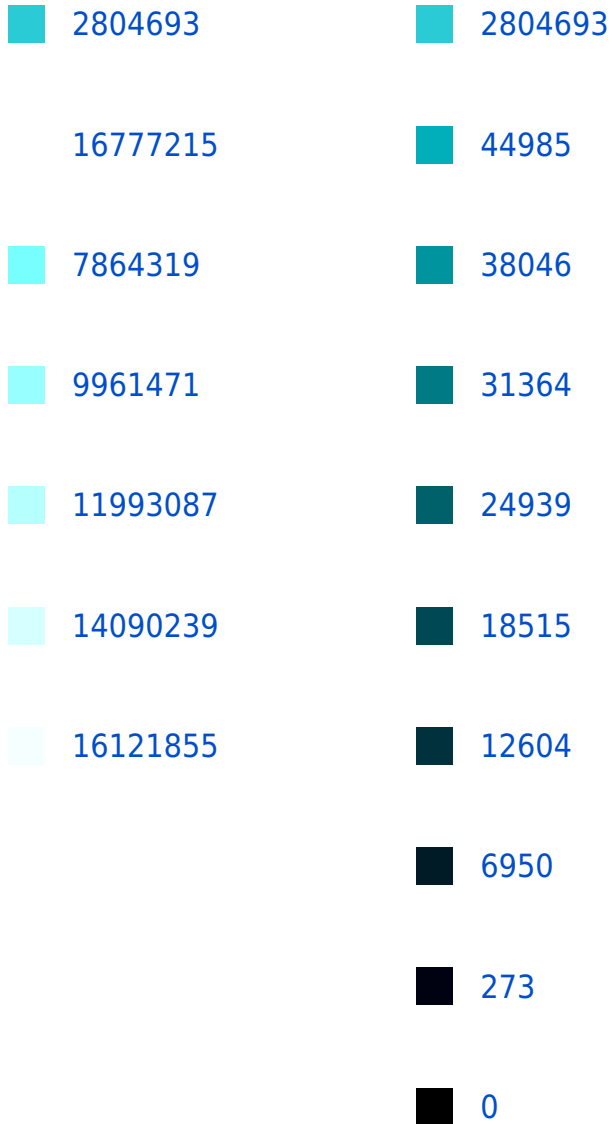


- Cyan (84%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2804693 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 2804693 by changing the saturation by 10% instead.



■ 2804693

■ 2804693

■ 1428181

■ 4181205

■ 51669

■ 5623253

■ 7000021

■ 8376533

■ 9818581

■ 11195093

■ 12571861

■ 13948373

■ 15390421

Harmonies

Analogous

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



5884848



2804693



3983346

Triad

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



2804693



14722530



14070896

Complementary

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



2804693



13972522

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.



15837055



2804693



16358848

Square

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



2804693



11776505



16686748



11714422

Rectangle

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



2804693



6668797



16686748



14725235

Sweetspot

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



2804693



12778495



2807091



5995904



0



8421504

Same Dimension

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



2804693



717311



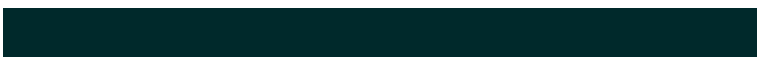
2783189



6318699



41387



10539

Inverse Universe

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



13970123



16714481



13994026



7037034



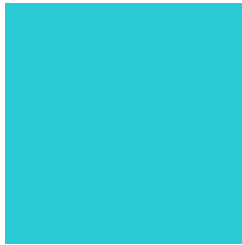
11206817



2818089

Previews

White Background



This preview shows how the Decimal color 2804693 looks on a white background.

Color Contrast Check

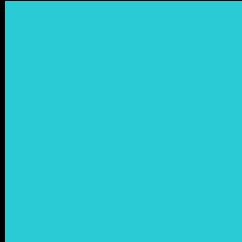
Large Text (above 18pt) WCAG AA × Fail

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 2804693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

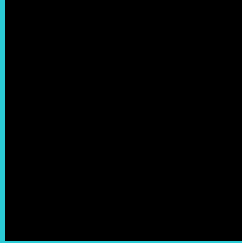
Any Text WCAG AA ✓ Pass

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 2804693 Background



This preview shows how black text looks on a background with the Decimal color 2804693.

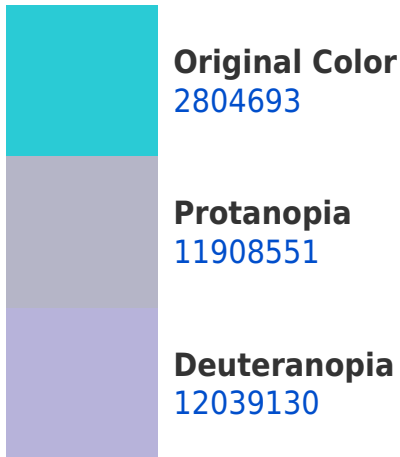


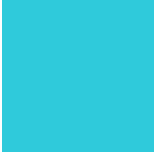
This preview shows how white text looks on a background with the Decimal color 2804693.

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
3132123

Trichromacy



Original Color
2804693



Protanomaly
8568268



Deuteranomaly
8699096



Tritanomaly
3001049

Monochromacy



Original Color
2804693



Achromatopsia
10263708



Achromatomaly
7581105

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2804693 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 #2ACBD5 looks like.

```
.text, #text, p{  
    color:#2ACBD5  
}
```

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 #2ACBD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ACBD5  
}
```

Border

The CSS property to change the border of an element to Decimal 2804693 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  
#2ACBD5 }
```

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

```
.border{ border-color:#2ACBD5 }
```

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

Here you see how a box with a 4 pixel #2ACBD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ACBD5; -webkit-box-shadow:4px 4px  
4px 4px #2ACBD5; box-shadow:4px 4px 4px  
4px #2ACBD5 }
```

Background

The CSS property to change the background color of an element to Decimal 2804693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ACBD5 }
```

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

```
.background{ background-color:#2ACBD5 }
```

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