

Converting Colors

Decimal(2727372)

Have a look what the booklet for
Decimal(2727372) contains.

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Color

Decimal(2727372)

Conversions

Conversions Part 1

Format	Color
Hex	299DCC
RGB	41, 157, 204
RGB Percent	16%, 62%, 80%
CMY	0.8392, 0.3843, 0.2000
CMYK	0.80, 0.23, 0.00, 0.20
HSL	197°, 67%, 48%
HSV	197°, 80%, 80%
XYZ	23.8705, 28.9450, 61.4556
YIQ	127.6740, -84.2230, -9.9750

Conversions

Conversions Part 2

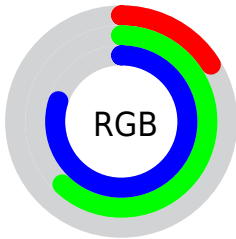
Format	Color
RYB	41, 109, 204
Decimal	2727372
CIELab	60.73, -15.29, -32.99
CIELCh	61, 36.355, 245.136
Yxy	28.9450, 0.2089, 0.2533
Android (android.graphics.Color)	4280917452 (0xFF299DCC)
YUV	127.6740, 37.6287, -76.0131
Hunter-Lab	53.8006, -14.9532, -30.0657

Details

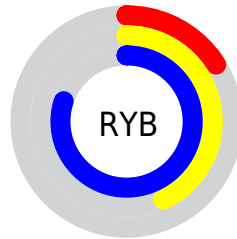
The Decimal color **2727372** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **13391913**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **7460095**, and **27286** is the 20% darker color. If you saturate the color by 10%, you get **1415116**, and if you desaturate by 10%, it is **4039628**.

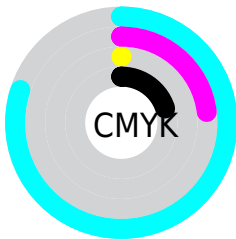
Distribution



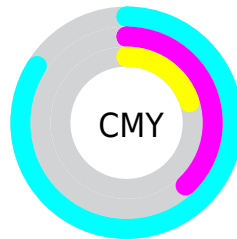
- Red (16%)
- Green (62%)
- Blue (80%)



- Red (16%)
- Yellow (43%)
- Blue (80%)



- Cyan (80%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2727372 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 2727372 by changing the saturation by 10% instead.

 2727372

 2727372

16777215

 33712

 7460095

 27286

 9498879

 21116

 11468799

 15202

 13434879

 9546

 15466495

 2356

 542

 0

 2727372

 2727372

■ 1415116

■ 4039628

■ 37324

■ 5417420

■ 6729676

■ 8107468

■ 9419468

■ 10731724

■ 12109516

■ 13421772

■ 14799564

Harmonies

Analogous

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



41654



2727372



7050450

Triad

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



2727372



13597070



8428381

Complementary

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



2727372



13391913

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.



10654290



2727372



13532527

Square

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



2727372



12549550



12420953



5808502

Rectangle

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



2727372



9342157



12420953



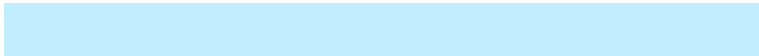
9214295

Sweetspot

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



2727372



12774911



2739287



5993856



0



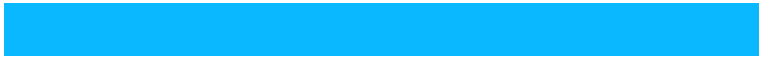
8421504

Same Dimension

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



2727372



702719



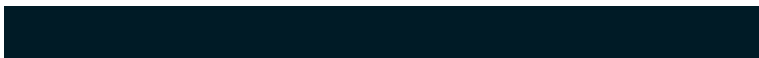
2706636



6054758



30374



6950

Inverse Universe

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



13379997



16714424



13412649



6708323



10879094



2490395

Previews

White Background



This preview shows how the Decimal color 2727372 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2727372 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 × Fail

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

Decimal 2727372 Background



This preview shows how black text looks on a background with the Decimal color 2727372.

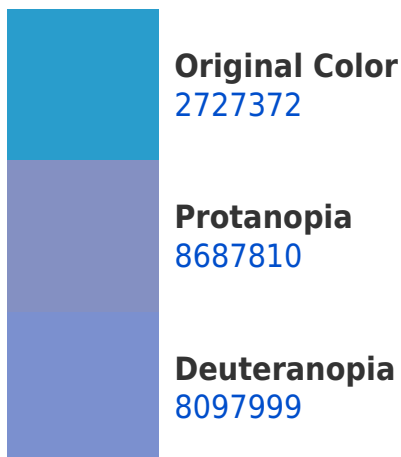


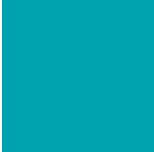
This preview shows how white text looks on a background with the Decimal color 2727372.

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](#).

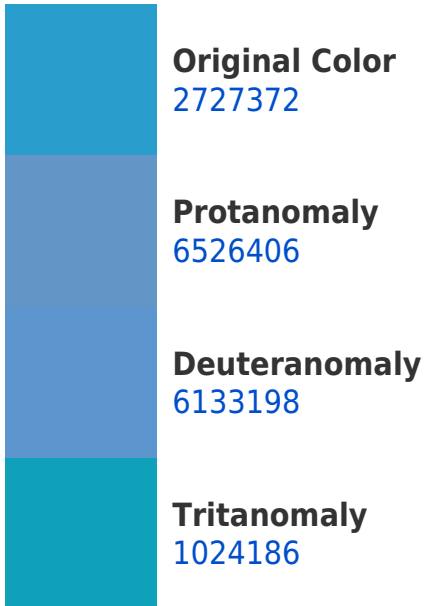
Dichromacy





Tritanopia
41647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2727372 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 #299DCC looks like.

```
.text, #text, p{  
    color:#299DCC  
}
```

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 #299DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299DCC
}
```

Border

The CSS property to change the border of an element to Decimal 2727372 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
#299DCC }
```

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

```
.border{ border-color:#299DCC }
```

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

Here you see how a box with a 4 pixel #299DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299DCC; -webkit-box-shadow:4px 4px  
4px 4px #299DCC; box-shadow:4px 4px 4px  
4px #299DCC }
```

Background

The CSS property to change the background color of an element to Decimal 2727372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299DCC }
```

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

```
.background{ background-color:#299DCC }
```

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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