

# Converting Colors

Decimal(2480369)

Have a look what the booklet for  
Decimal(2480369) contains.

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# **Color**

**Decimal(2480369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25D8F1
RGB	37, 216, 241
RGB Percent	15%, 85%, 95%
CMY	0.8549, 0.1529, 0.0549
CMYK	0.85, 0.10, 0.00, 0.05
HSL	187°, 88%, 55%
HSV	187°, 85%, 95%
XYZ	41.1960, 55.8559, 91.8291
YIQ	165.3290, -114.7090, -30.1730

# Conversions

## Conversions Part 2

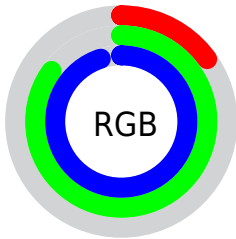
Format	Color
<b>R<sub>YB</sub></b>	37, 132, 241
Decimal	2480369
CIE Lab	79.53, -33.38, -24.25
CIE LCh	80, 41.261, 215.996
Yxy	55.8559, 0.2181, 0.2957
Android (android.graphics.Color)	4280670449 (0xFF25D8F1)
YUV	165.3290, 37.3058, -112.5445
Hunter-Lab	74.7368, -32.3977, -20.5338

# Details

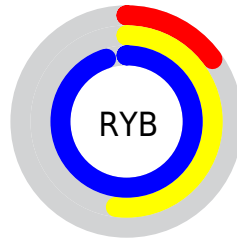
The Decimal color **2480369** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **15810085**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **8060927**, and **41401** is the 20% darker color. If you saturate the color by 10%, you get **906737**, and if you desaturate by 10%, it is **4054001**.

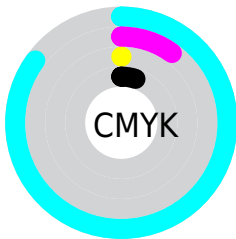
# Distribution



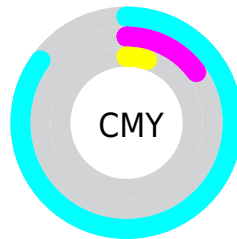
- Red (15%)
- Green (85%)
- Blue (95%)



- Red (15%)
- Yellow (52%)
- Blue (95%)



- Cyan (85%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)




- Cyan (85%)
- Magenta (15%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2480369 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 2480369 by changing the saturation by 10% instead.



 2480369

 2480369

16777215

 48341

 8060927

 41401

 10289151

 34462

 12386303

 27780

 14483455

 21610

 16515071

 15442

 10043

 550

 271

■ 2480369

■ 2480369

■ 906737

■ 4054001

■ 54257

■ 5627633

■ 7201265

■ 8774897

■ 10348529

■ 11987697

■ 13561329

■ 15134961

■ 16708593

# Harmonies

## Analogous

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



4905676



2480369



5820927

# Triad

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



2480369



16559333



14140792

# Complementary

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



2480369



15810085

# 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.



16300160



2480369



16754623

# Square

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



2480369



13940991



16755866



11456646

# Rectangle

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



2480369



8768255



16755866



14926200

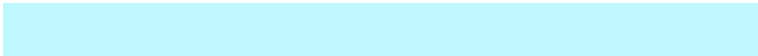


# Sweetspot

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



2480369



12580863



2486589



5864320



0



8421504

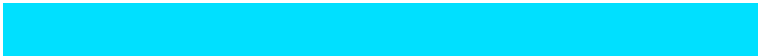


# Same Dimension

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



2480369



57599



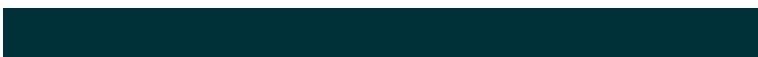
2454513



7108216



41400



12600



# Inverse Universe

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



15803864



16711904



15835941



7892086



12058785

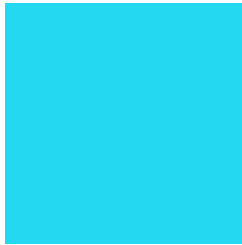


3670065



# Previews

## White Background



This preview shows how the Decimal color 2480369 looks on a white background.

## Color Contrast Check

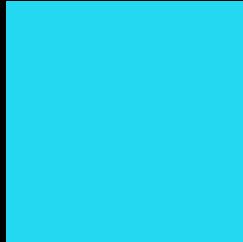
Large Text (above 18pt) WCAG AA × Fail

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 2480369 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 2480369 Background



This preview shows how black text looks on a background with the Decimal color 2480369.

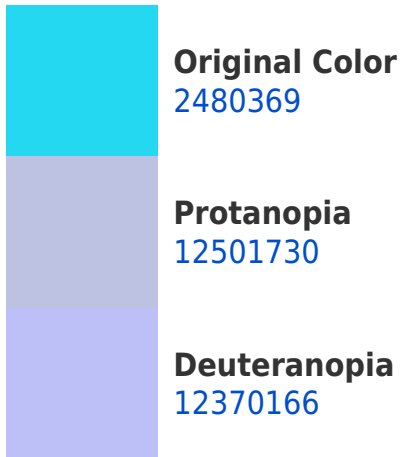


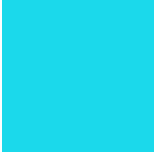
This preview shows how white text looks on a background with the Decimal color 2480369.

# 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



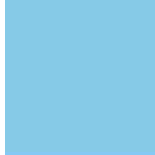


**Tritanopia**  
1825259

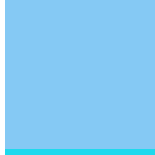
# Trichromacy



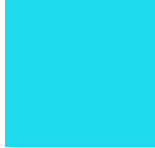
**Original Color**  
2480369



**Protanomaly**  
8833767



**Deuteranomaly**  
8767988

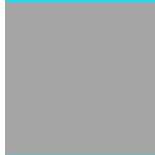


**Tritanomaly**  
2087405

# Monochromacy



**Original Color**  
2480369



**Achromatopsia**  
10855845



**Achromatomaly**  
7780545

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2480369 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 #25D8F1 looks like.

```
.text, #text, p{  
  color:#25D8F1  
}
```

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 #25D8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D8F1
}
```

## Border

The CSS property to change the border of an element to Decimal 2480369 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
#25D8F1 }
```

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

```
.border{ border-color:#25D8F1 }
```

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

Here you see how a box with a 4 pixel #25D8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D8F1; -webkit-box-shadow:4px 4px  
4px 4px #25D8F1; box-shadow:4px 4px 4px  
4px #25D8F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 2480369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D8F1 }
```

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

```
.background{ background-color:#25D8F1 }
```

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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