

Converting Colors

Decimal(4249838)

Have a look what the booklet for
Decimal(4249838) contains.

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Color

Decimal(4249838)

Conversions

Conversions Part 1

Format	Color
Hex	40D8EE
RGB	64, 216, 238
RGB Percent	25%, 85%, 93%
CMY	0.7490, 0.1529, 0.0667
CMYK	0.73, 0.09, 0.00, 0.07
HSL	188°, 84%, 59%
HSV	188°, 73%, 93%
XYZ	42.1028, 56.3748, 89.5513
YIQ	173.0600, -97.6540, -25.3820

Conversions

Conversions Part 2

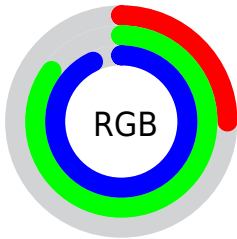
Format	Color
RYB	64, 145, 238
Decimal	4249838
CIELab	79.83, -31.90, -22.17
CIELCh	80, 38.843, 214.796
Yxy	56.3748, 0.2239, 0.2998
Android (android.graphics.Color)	4282439918 (0xFF40D8EE)
YUV	173.0600, 32.0154, -95.6456
Hunter-Lab	75.0831, -31.3017, -18.1567

Details

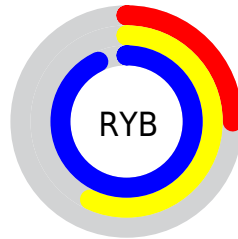
The Decimal color **4249838** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **15619648**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **8912895**, and **41398** is the 20% darker color. If you saturate the color by 10%, you get **2676206**, and if you desaturate by 10%, it is **5823470**.

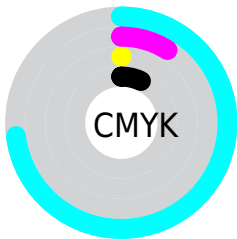
Distribution



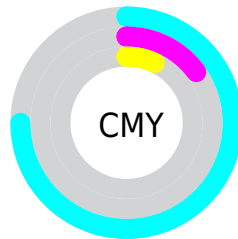
- Red (25%)
- Green (85%)
- Blue (93%)



- Red (25%)
- Yellow (57%)
- Blue (93%)



- Cyan (73%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (75%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4249838 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 4249838 by changing the saturation by 10% instead.

 4249838

 4249838

16777215

 48338

 8912895

 41398

 11010047

 34459

 13107199

 28033

 15138815

 21608

 15440

 10041

 548

 11

■ 4249838

■ 4249838

■ 2676206

■ 5823470

■ 1102574

■ 7397102

■ 53486

■ 8905198

■ 10478830

■ 12052462

■ 13626094

■ 15199726

■ 16707822

■ 16774126

Harmonies

Analogous

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



5954251



4249838



6542079

Triad

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



4249838



16363493



14272125

Complementary

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



4249838



15619648

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.



16300421



4249838



16755393

Square

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



4249838



13810431



16756382



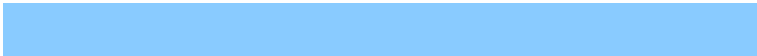
11718793

Rectangle

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



4249838



9030655



16756382



14991742

Sweetspot

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



4249838



13105407



4255316



6192000



0



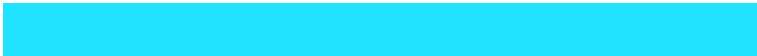
8421504

Same Dimension

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



4249838



2089983



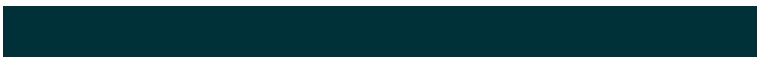
4228078



7108216



41144



12600

Inverse Universe

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



15614168



16719843



15641408



7892086



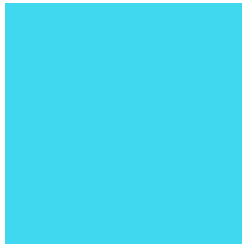
12058784



3670065

Previews

White Background



This preview shows how the Decimal color 4249838 looks on a white background.

Color Contrast Check

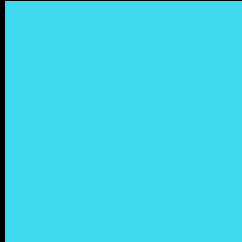
Large Text (above 18pt) WCAG AA × Fail

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 4249838 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 4249838 Background



This preview shows how black text looks on a background with the Decimal color 4249838.



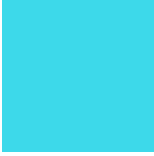
This preview shows how white text looks on a background with the Decimal color 4249838.

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



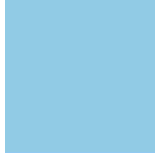


Tritanopia
4053482

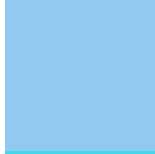
Trichromacy



Original Color
4249838



Protanomaly
9554917



Deuteranomaly
9554417

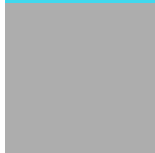


Tritanomaly
4119019

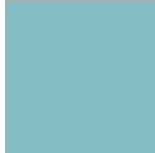
Monochromacy



Original Color
4249838



Achromatopsia
11382189



Achromatomaly
8764869

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4249838 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 #40D8EE looks like.

```
.text, #text, p{  
    color:#40D8EE  
}
```

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 #40D8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D8EE
}
```

Border

The CSS property to change the border of an element to Decimal 4249838 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
#40D8EE }
```

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

```
.border{ border-color:#40D8EE }
```

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

Here you see how a box with a 4 pixel #40D8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D8EE; -webkit-box-shadow:4px 4px  
4px 4px #40D8EE; box-shadow:4px 4px 4px  
4px #40D8EE }
```

Background

The CSS property to change the background color of an element to Decimal 4249838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D8EE }
```

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

```
.background{ background-color:#40D8EE }
```

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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