

Converting Colors

Decimal(4769770)

Have a look what the booklet for
Decimal(4769770) contains.

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Color

Decimal(4769770)

Conversions

Conversions Part 1

Format	Color
Hex	48C7EA
RGB	72, 199, 234
RGB Percent	28%, 78%, 92%
CMY	0.7176, 0.2196, 0.0824
CMYK	0.69, 0.15, 0.00, 0.08
HSL	193°, 79%, 60%
HSV	193°, 69%, 92%
XYZ	37.9472, 48.1651, 85.1387
YIQ	165.0170, -86.9270, -16.0390

Conversions

Conversions Part 2

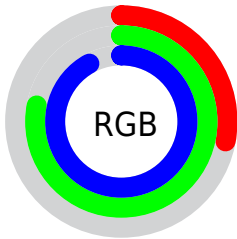
Format	Color
RYB	72, 143, 234
Decimal	4769770
CIELab	74.93, -23.76, -27.48
CIELCh	75, 36.330, 229.149
Yxy	48.1651, 0.2216, 0.2813
Android (android.graphics.Color)	4282959850 (0xFF48C7EA)
YUV	165.0170, 34.0086, -81.5759
Hunter-Lab	69.4011, -23.8514, -24.1540

Details

The Decimal color **4769770** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **15362888**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9175039**, and **37298** is the 20% darker color. If you saturate the color by 10%, you get **3261162**, and if you desaturate by 10%, it is **6278378**.

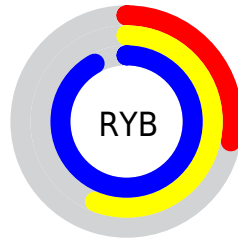
Distribution



Red (28%)

Green (78%)

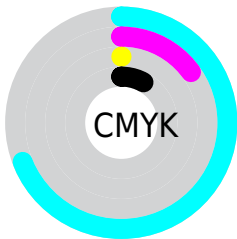
Blue (92%)



Red (28%)

Yellow (56%)

Blue (92%)

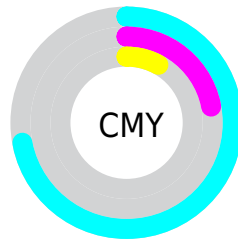


Cyan (69%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4769770 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 4769770 by changing the saturation by 10% instead.

4769770

4769770

16777215

1486030

9175039

37298

11206655

30615

13172735

24189

15204351

18020

12108

7221

544

4

■ 4769770

■ 4769770

■ 3261162

■ 6278378

■ 1687018

■ 7852522

■ 178410

■ 9361130

■ 47082

■ 10935274

■ 12443882

■ 13952490

■ 15526634

■ 16773098

■ 16774378

Harmonies

Analogous

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



4639437



4769770



7847929

Triad

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



4769770



15900870



12172664

Complementary

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



4769770



15362888

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.



14332535



4769770



16490660

Square

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



4769770



14133476



15837063



9684364

Rectangle

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



4769770



10139898



15837063



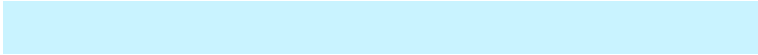
12958326

Sweetspot

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



4769770



13235199



4778600



6322560



0



8421504

Same Dimension

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



4769770



2871807



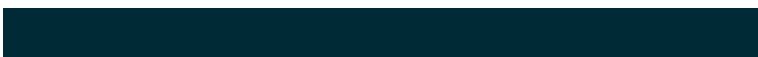
4749802



6976373



36533



10806

Inverse Universe

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



15354055



16722897



15382856



7694963



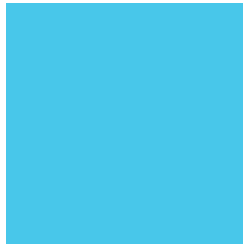
11862158



3538986

Previews

White Background



This preview shows how the Decimal color 4769770 looks on a white background.

Color Contrast Check

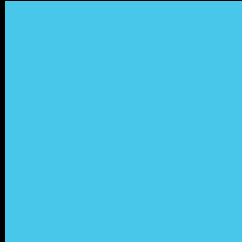
Large Text (above 18pt) WCAG AA × Fail

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 4769770 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 4769770 Background



This preview shows how black text looks on a background with the Decimal color 4769770.



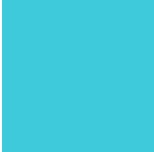
This preview shows how white text looks on a background with the Decimal color 4769770.

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
4115162

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4769770 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 #48C7EA looks like.

```
.text, #text, p{  
    color:#48C7EA  
}
```

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 #48C7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C7EA
}
```

Border

The CSS property to change the border of an element to Decimal 4769770 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
#48C7EA }
```

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

```
.border{ border-color:#48C7EA }
```

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

Here you see how a box with a 4 pixel #48C7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C7EA; -webkit-box-shadow:4px 4px  
4px 4px #48C7EA; box-shadow:4px 4px 4px  
4px #48C7EA }
```

Background

The CSS property to change the background color of an element to Decimal 4769770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C7EA }
```

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

```
.background{ background-color:#48C7EA }
```

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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