

Converting Colors

Decimal(4703199)

Have a look what the booklet for
Decimal(4703199) contains.

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Color

Decimal(4703199)

Conversions

Conversions Part 1

Format	Color
Hex	47C3DF
RGB	71, 195, 223
RGB Percent	28%, 76%, 87%
CMY	0.7216, 0.2353, 0.1255
CMYK	0.68, 0.13, 0.00, 0.13
HSL	191°, 70%, 58%
HSV	191°, 68%, 87%
XYZ	35.4329, 45.6975, 76.7650
YIQ	161.1160, -82.8920, -17.5800

Conversions

Conversions Part 2

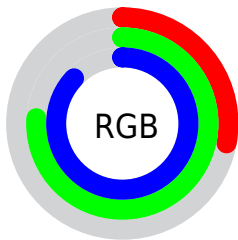
Format	Color
RYB	71, 139, 223
Decimal	4703199
CIELab	73.35, -25.27, -23.95
CIElCh	73, 34.820, 223.469
Yxy	45.6975, 0.2244, 0.2894
Android (android.graphics.Color)	4282893279 (0xFF47C3DF)
YUV	161.1160, 30.5088, -79.0317
Hunter-Lab	67.5999, -24.7380, -20.0085

Details

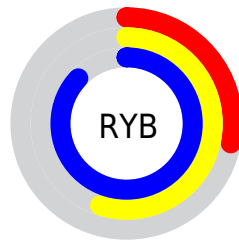
The Decimal color **4703199** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **14639943**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **9043199**, and **36264** is the 20% darker color. If you saturate the color by 10%, you get **3260383**, and if you desaturate by 10%, it is **6146015**.

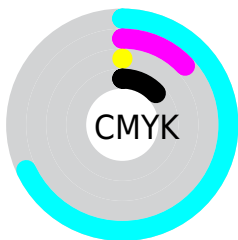
Distribution



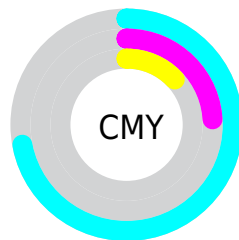
- Red (28%)
- Green (76%)
- Blue (87%)



- Red (28%)
- Yellow (55%)
- Blue (87%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4703199 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 4703199 by changing the saturation by 10% instead.

4703199

4703199

16777215

1616067

9043199

36264

11010047

29581

13041663

23156

15007743

17243

11331

5677

280

0

■ 4703199

■ 4703199

■ 3260383

■ 6146015

■ 1752031

■ 7654367

■ 309215

■ 9097183

■ 46815

■ 10539999

■ 12048607

■ 13491423

■ 14934239

■ 16377055

■ 16771295

Harmonies

Analogous

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



5162690



4703199



7191793

Triad

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



4703199



15244999



12367733

Complementary

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



4703199



14639943

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.



14265463



4703199



15965351

Square

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



4703199



13281251



15639178



10010501

Rectangle

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



4703199



9352947



15639178



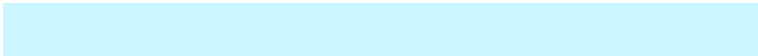
13022068

Sweetspot

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



4703199



13432575



4710243



6388352



0



8421504

Same Dimension

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



4703199



3070207



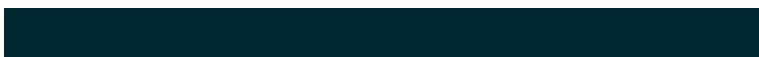
4683743



6647408



37040



10288

Inverse Universe

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



14632899



16723672



14659399



7365998



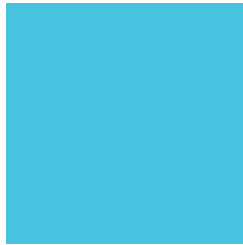
11534480



3145768

Previews

White Background



This preview shows how the Decimal color 4703199 looks on a white background.

Color Contrast Check

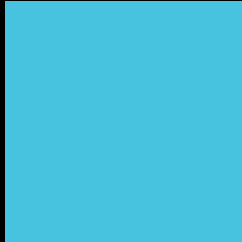
Large Text (above 18pt) WCAG AA × Fail

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 4703199 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 4703199 Background



This preview shows how black text looks on a background with the Decimal color 4703199.



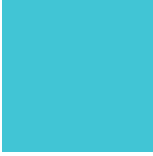
This preview shows how white text looks on a background with the Decimal color 4703199.

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](#).

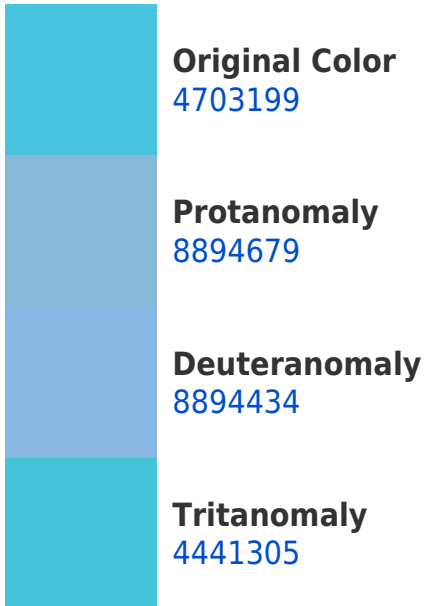
Dichromacy





Tritanopia
4310485

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4703199 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 #47C3DF looks like.

```
.text, #text, p{  
    color:#47C3DF  
}
```

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 #47C3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C3DF
}
```

Border

The CSS property to change the border of an element to Decimal 4703199 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
#47C3DF }
```

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

```
.border{ border-color:#47C3DF }
```

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

Here you see how a box with a 4 pixel #47C3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C3DF; -webkit-box-shadow:4px 4px  
4px 4px #47C3DF; box-shadow:4px 4px 4px  
4px #47C3DF }
```

Background

The CSS property to change the background color of an element to Decimal 4703199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C3DF }
```

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

```
.background{ background-color:#47C3DF }
```

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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