

# Converting Colors

Decimal(4703200)

Have a look what the booklet for  
Decimal(4703200) contains.

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# **Color**

**Decimal(4703200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47C3E0
RGB	71, 195, 224
RGB Percent	28%, 76%, 88%
CMY	0.7216, 0.2353, 0.1216
CMYK	0.68, 0.13, 0.00, 0.12
HSL	191°, 71%, 58%
HSV	191°, 68%, 88%
XYZ	35.5682, 45.7516, 77.4773
YIQ	161.2300, -83.2130, -17.2690

# Conversions

## Conversions Part 2

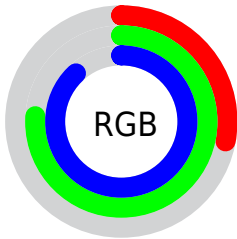
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 139, 224
Decimal	4703200
CIELab	73.38, -24.96, -24.44
CIElCh	73, 34.939, 224.395
Yxy	45.7516, 0.2240, 0.2881
Android (android.graphics.Color)	4282893280 (0xFF47C3E0)
YUV	161.2300, 30.9456, -79.1317
Hunter-Lab	67.6399, -24.5064, -20.5650

# Details

The Decimal color **4703200** 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 **14705735**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **9043199**, and **36265** is the 20% darker color. If you saturate the color by 10%, you get **3260384**, and if you desaturate by 10%, it is **6146016**.

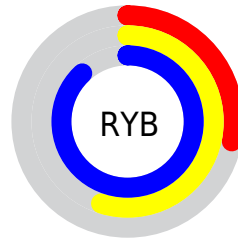
# Distribution



Red (28%)

Green (76%)

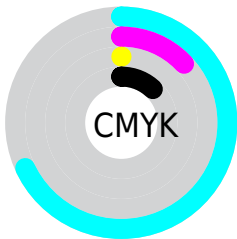
Blue (88%)



Red (28%)

Yellow (55%)

Blue (88%)

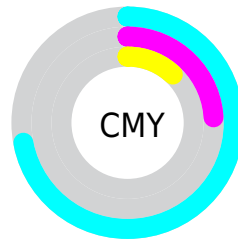


Cyan (68%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (72%)

Magenta (24%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4703200 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 4703200 by changing the saturation by 10% instead.



4703200

4703200

16777215

1616068

9043199

36265

11010047

29582

13041663

23157

15007743

17244

11332

5678

281

0

■ 4703200

■ 4703200

■ 3260384

■ 6146016

■ 1752032

■ 7654368

■ 308960

■ 9097440

■ 46816

■ 10605792

■ 12048608

■ 13491424

■ 15000032

■ 16442848

■ 16771552

# Harmonies

## Analogous

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



5097155



4703200



7257329

# Triad

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



4703200



15310534



12302198

# Complementary

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



4703200



14705735

# 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



4703200



16030886

# Square

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



4703200



13412322



15573641



9945221

# Rectangle

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



4703200



9484020



15573641



13022324

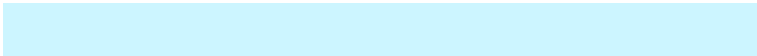


# Sweetspot

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



4703200



13432319



4710499



6388352



0



8421504

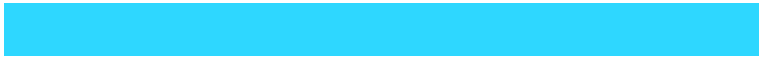


# Same Dimension

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



4703200



3069951



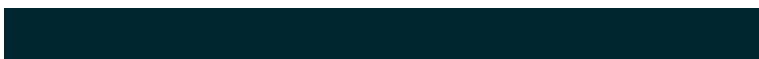
4683744



6647408



36784



10032



# Inverse Universe

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



14698435



16723671



14725191



7365998



11534479

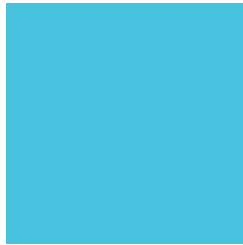


3145767



# Previews

## White Background



This preview shows how the Decimal color 4703200 looks on a white background.

## Color Contrast Check

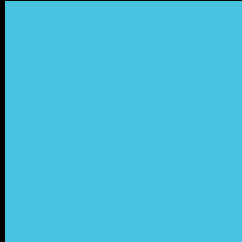
Large Text (above 18pt) WCAG AA × Fail

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 4703200 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 4703200 Background



This preview shows how black text looks on a background with the Decimal color 4703200.



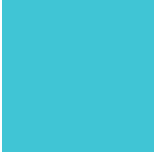
This preview shows how white text looks on a background with the Decimal color 4703200.

# 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](#).

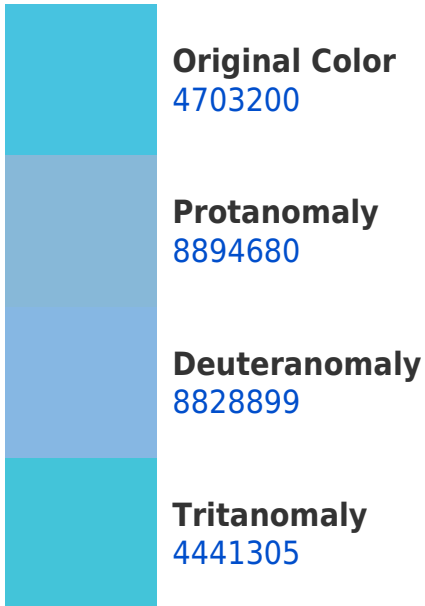
## Dichromacy





**Tritanopia**  
4244949

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4703200 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 #47C3E0 looks like.

```
.text, #text, p{  
    color:#47C3E0  
}
```

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 #47C3E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C3E0
}
```

## Border

The CSS property to change the border of an element to Decimal 4703200 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
#47C3E0 }
```

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

```
.border{ border-color:#47C3E0 }
```

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

Here you see how a box with a 4 pixel #47C3E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C3E0; -webkit-box-shadow:4px 4px  
4px 4px #47C3E0; box-shadow:4px 4px 4px  
4px #47C3E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 4703200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C3E0 }
```

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

```
.background{ background-color:#47C3E0 }
```

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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