

# Converting Colors

Decimal(4571100)

Have a look what the booklet for  
Decimal(4571100) contains.

<b>Decimal(4571100)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(4571100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45BFDC
RGB	69, 191, 220
RGB Percent	27%, 75%, 86%
CMY	0.7294, 0.2510, 0.1373
CMYK	0.69, 0.13, 0.00, 0.14
HSL	192°, 68%, 57%
HSV	192°, 69%, 86%
XYZ	34.0033, 43.6941, 74.3518
YIQ	157.8280, -82.0210, -16.8450

# Conversions

## Conversions Part 2

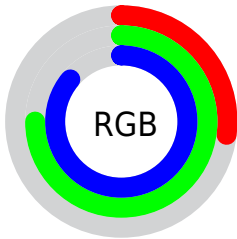
Format	Color
<b>RYB</b>	69, 136, 220
Decimal	4571100
CIELab	72.02, -24.46, -24.35
CIELCh	72, 34.520, 224.871
Yxy	43.6941, 0.2236, 0.2874
Android (android.graphics.Color)	4282761180 (0xFF45BFDC)
YUV	157.8280, 30.6508, -77.9022
Hunter-Lab	66.1015, -23.8554, -20.4190

# Details

The Decimal color **4571100** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **14443077**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **8845567**, and **35237** is the 20% darker color. If you saturate the color by 10%, you get **3128284**, and if you desaturate by 10%, it is **6013916**.

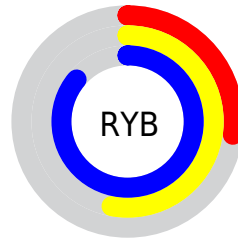
# Distribution



Red (27%)

Green (75%)

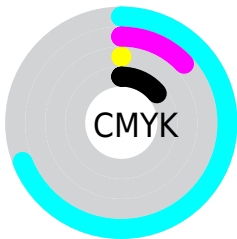
Blue (86%)



Red (27%)

Yellow (53%)

Blue (86%)

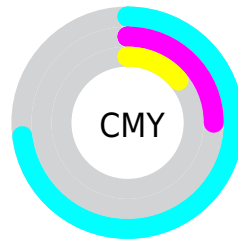


Cyan (69%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (73%)

Magenta (25%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4571100 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 4571100 by changing the saturation by 10% instead.



4571100

4571100

16777215

1418432

8845567

35237

10878975

28811

12845055

22385

14876671

16216

10561

4139

278

0

■ 4571100

■ 4571100

■ 3128284

■ 6013916

■ 1685468

■ 7456732

■ 242396

■ 8899804

■ 45788

■ 10342620

■ 11785436

■ 13228252

■ 14671324

■ 16114140

■ 16770524

# Harmonies

## Analogous

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



4899520



4571100



7125229

# Triad

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



4571100



14981826



11973747

# Complementary

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



4571100



14443077

# 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.



13937012



4571100



15702434

# Square

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



4571100



13149149



15310725



9682051

# Rectangle

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



4571100



9286383



15310725



12693617

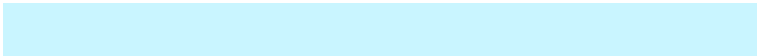


# Sweetspot

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



4571100



13235711



4578401



6322560



0



8421504

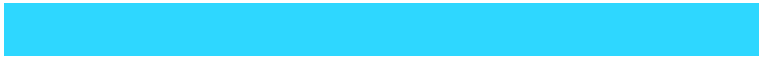


# Same Dimension

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



4571100



3069951



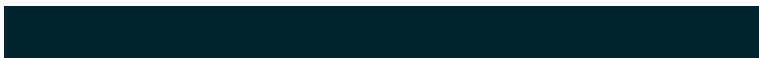
4552156



6515822



36013



9518



# Inverse Universe

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



14435775



16723671



14462021



7234412



11337868



3014693



# Previews

## White Background



This preview shows how the Decimal color 4571100 looks on a white background.

## Color Contrast Check

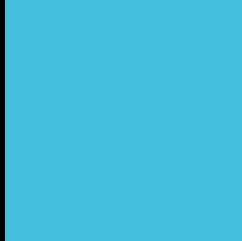
Large Text (above 18pt) WCAG AA × Fail

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 4571100 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 4571100 Background



This preview shows how black text looks on a background with the Decimal color 4571100.

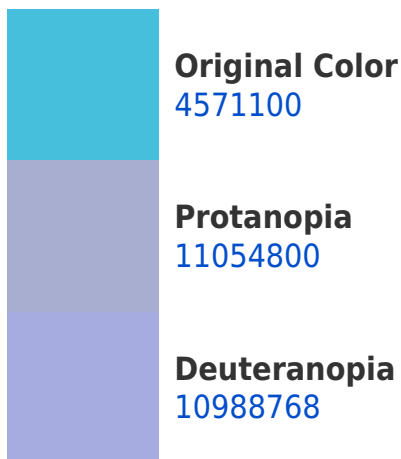


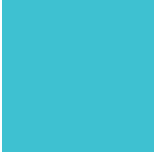
This preview shows how white text looks on a background with the Decimal color 4571100.

# 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



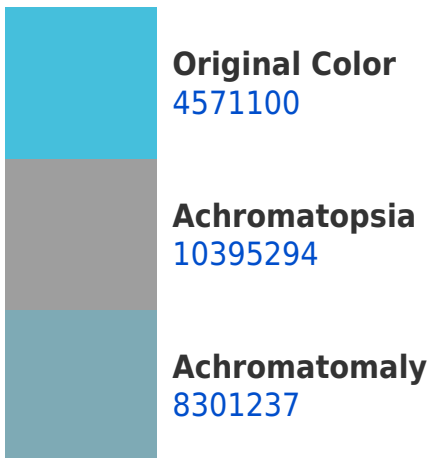


**Tritanopia**  
4112849

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4571100 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 #45BFDC looks like.

```
.text, #text, p{  
    color:#45BFDC  
}
```

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 #45BFDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45BFDC
}
```

## Border

The CSS property to change the border of an element to Decimal 4571100 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
#45BFDC }
```

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

```
.border{ border-color:#45BFDC }
```

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

Here you see how a box with a 4 pixel #45BFDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45BFDC; -webkit-box-shadow:4px 4px  
4px 4px #45BFDC; box-shadow:4px 4px 4px  
4px #45BFDC }
```

# Background

The CSS property to change the background color of an element to Decimal 4571100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45BFDC }
```

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

```
.background{ background-color:#45BFDC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor