

# Converting Colors

Decimal(5428459)

Have a look what the booklet for  
Decimal(5428459) contains.

<b>Decimal(5428459)</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(5428459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52D4EB
RGB	82, 212, 235
RGB Percent	32%, 83%, 92%
CMY	0.6784, 0.1686, 0.0784
CMYK	0.65, 0.10, 0.00, 0.08
HSL	189°, 79%, 62%
HSV	189°, 65%, 92%
XYZ	42.0186, 54.8790, 86.9754
YIQ	175.7520, -84.8630, -20.4070

# Conversions

## Conversions Part 2

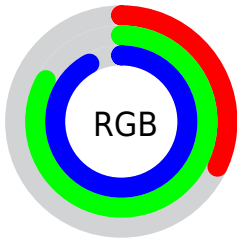
Format	Color
R <sub>Y</sub> B	82, 152, 235
Decimal	5428459
CIE Lab	78.97, -28.47, -21.83
CIE LCh	79, 35.871, 217.480
Yxy	54.8790, 0.2285, 0.2985
Android (android.graphics.Color)	4283618539 (0xFF52D4EB)
YUV	175.7520, 29.2093, -82.2205
Hunter-Lab	74.0803, -28.3949, -17.7543

# Details

The Decimal color **5428459** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **15427922**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **9699327**, and **40371** is the 20% darker color. If you saturate the color by 10%, you get **3854571**, and if you desaturate by 10%, it is **7002347**.

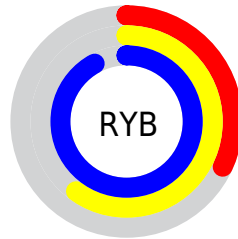
# Distribution



Red (32%)

Green (83%)

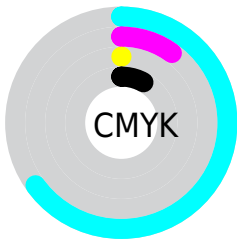
Blue (92%)



Red (32%)

Yellow (60%)

Blue (92%)

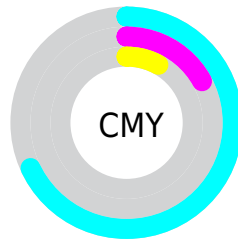


Cyan (65%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (68%)

Magenta (17%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5428459 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 5428459 by changing the saturation by 10% instead.



5428459

5428459

16777215

2734287

9699327

40371

11730943

33688

13697023

27006

15728639

20837

14669

9270

545

7

■ 5428459

■ 5428459

■ 3854571

■ 7002347

■ 2346475

■ 8510443

■ 838123

■ 10084331

■ 51435

■ 11592427

■ 13166315

■ 14674411

■ 16248299

■ 16773355

■ 16774379

# Harmonies

## Analogous

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



6411979



5428459



7458559

# Triad

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



5428459



16101086



13812865

# Complementary

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



5428459



15427922

# 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.



15776135



5428459



16755388

# Square

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



5428459



13875449



16756636



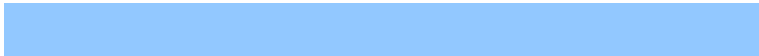
11456142

# Rectangle

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



5428459



9619711



16756636



14532737

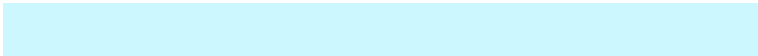


# Sweetspot

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



5428459



13432831



5434217



6388608



0



8421504



# Same Dimension

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



5428459



3727871



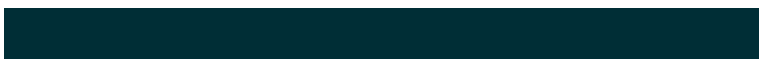
5409003



6976629



39605



11830



# Inverse Universe

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



15422164



16726241



15447378



7694964



11862170

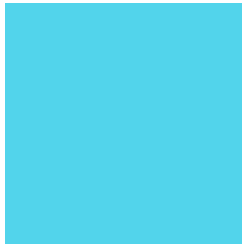


3538989



# Previews

## White Background



This preview shows how the Decimal color 5428459 looks on a white background.

## Color Contrast Check

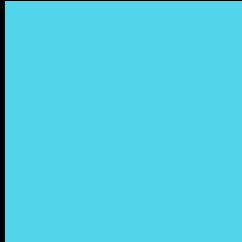
Large Text (above 18pt) WCAG AA × Fail

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 5428459 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

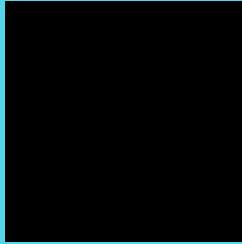
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5428459 Background



This preview shows how black text looks on a background with the Decimal color 5428459.



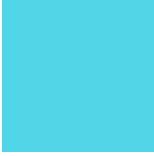
This preview shows how white text looks on a background with the Decimal color 5428459.

# 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](#).

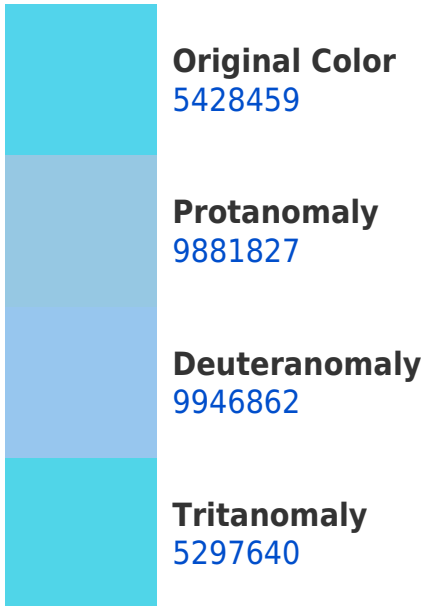
## Dichromacy





**Tritanopia**  
5232102

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5428459 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 #52D4EB looks like.

```
.text, #text, p{  
    color:#52D4EB  
}
```

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 #52D4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D4EB
}
```

## Border

The CSS property to change the border of an element to Decimal 5428459 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
#52D4EB }
```

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

```
.border{ border-color:#52D4EB }
```

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

Here you see how a box with a 4 pixel #52D4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D4EB; -webkit-box-shadow:4px 4px  
4px 4px #52D4EB; box-shadow:4px 4px 4px  
4px #52D4EB }
```

# Background

The CSS property to change the background color of an element to Decimal 5428459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D4EB }
```

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

```
.background{ background-color:#52D4EB }
```

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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