

# Converting Colors

Decimal(5484751)

Have a look what the booklet for  
Decimal(5484751) contains.

<b>Decimal(5484751)</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(5484751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53B0CF
RGB	83, 176, 207
RGB Percent	33%, 69%, 81%
CMY	0.6745, 0.3098, 0.1882
CMYK	0.60, 0.15, 0.00, 0.19
HSL	195°, 56%, 57%
HSV	195°, 60%, 81%
XYZ	30.3551, 37.3947, 64.6495
YIQ	151.7270, -65.3790, -10.0750

# Conversions

## Conversions Part 2

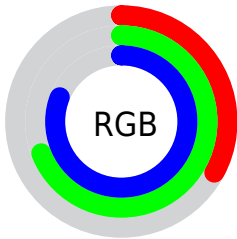
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 136, 207
Decimal	5484751
CIE <sub>Lab</sub>	67.57, -18.45, -24.01
CIE <sub>LCh</sub>	68, 30.282, 232.453
Yxy	37.3947, 0.2293, 0.2824
Android (android.graphics.Color)	4283674831 (0xFF53B0CF)
YUV	151.7270, 27.2496, -60.2736
Hunter-Lab	61.1512, -18.4082, -19.8760

# Details

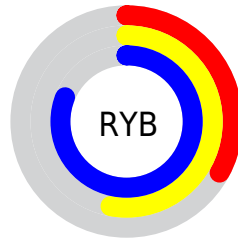
The Decimal color **5484751** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13595219**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **9431295**, and **31641** is the 20% darker color. If you saturate the color by 10%, you get **4107215**, and if you desaturate by 10%, it is **6862287**.

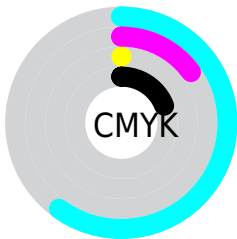
# Distribution



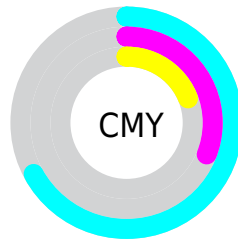
- Red (33%)
- Green (69%)
- Blue (81%)



- Red (33%)
- Yellow (53%)
- Blue (81%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (31%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5484751 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 5484751 by changing the saturation by 10% instead.



■ 5484751

■ 5484751

16777215

■ 3249587

■ 9431295

■ 31641

■ 11337727

■ 25215

■ 13238271

■ 19045

■ 15204351

■ 13389

■ 7990

■ 545

■ 6

■ 0

■ 5484751

■ 5484751

■ 4107215

■ 6862287

■ 2795215

■ 8174287

■ 1417423

■ 9552079

■ 39887

■ 10929615

■ 12307151

■ 13619151

■ 14996687

■ 16374223

■ 16768975

# Harmonies

## Analogous

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



5026744



5484751



7776730

# Triad

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



5484751



14061997



10660210

# Complementary

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



5484751



13595219

# 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.



12492911



5484751



14389649

# Square

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



5484751



12687302



13801338



8630403

# Rectangle

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



5484751



9610202



13801338



11315055



# Sweetspot

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



5484751



13759743



5492594



6518912



0



8421504



# Same Dimension

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



5484751



4706815



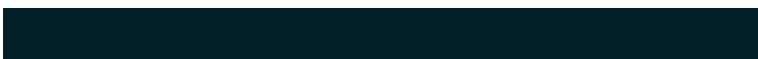
5468879



6186601



32424



7977



# Inverse Universe

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



13587376



16730065



13611091



6905446



11010174



2687007



# Previews

## White Background



This preview shows how the Decimal color 5484751 looks on a white background.

## Color Contrast Check

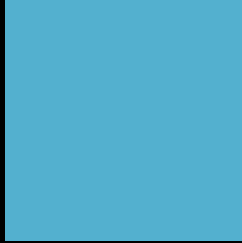
Large Text (above 18pt) WCAG AA × Fail

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 5484751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

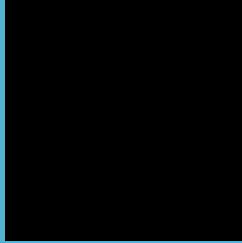
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

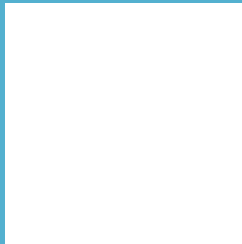
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5484751 Background



This preview shows how black text looks on a background with the Decimal color 5484751.

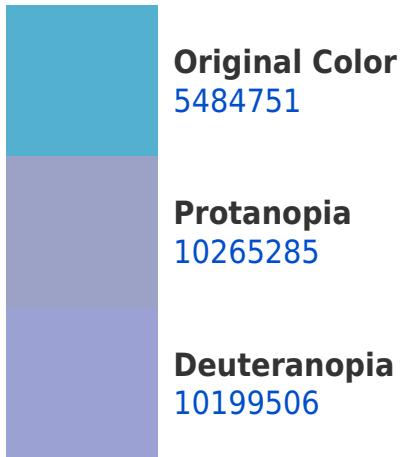


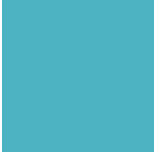
This preview shows how white text looks on a background with the Decimal color 5484751.

# 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](#).

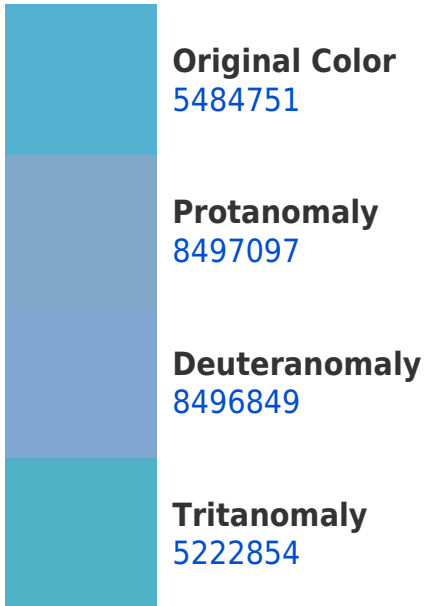
## Dichromacy





**Tritanopia**  
5092033

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5484751 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 #53B0CF looks like.

```
.text, #text, p{  
    color:#53B0CF  
}
```

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 #53B0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B0CF
}
```

## Border

The CSS property to change the border of an element to Decimal 5484751 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
#53B0CF }
```

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

```
.border{ border-color:#53B0CF }
```

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

Here you see how a box with a 4 pixel #53B0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B0CF; -webkit-box-shadow:4px 4px  
4px 4px #53B0CF; box-shadow:4px 4px 4px  
4px #53B0CF }
```

# Background

The CSS property to change the background color of an element to Decimal 5484751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B0CF }
```

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

```
.background{ background-color:#53B0CF }
```

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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