

# Converting Colors

Decimal(5364940)

Have a look what the booklet for  
Decimal(5364940) contains.

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# **Color**

**Decimal(5364940)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51DCCC
RGB	81, 220, 204
RGB Percent	32%, 86%, 80%
CMY	0.6824, 0.1373, 0.2000
CMYK	0.63, 0.00, 0.07, 0.14
HSL	173°, 67%, 59%
HSV	173°, 63%, 86%
XYZ	39.8856, 57.2954, 66.0837
YIQ	176.6150, -77.7080, -34.4440

# Conversions

## Conversions Part 2

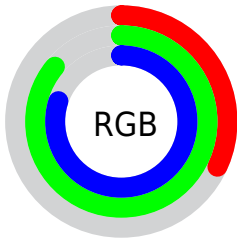
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 155, 220
Decimal	5364940
CIELab	80.35, -40.95, -3.22
CIELCh	80, 41.072, 184.497
Yxy	57.2954, 0.2443, 0.3509
Android (android.graphics.Color)	4283555020 (0xFF51DCCC)
YUV	176.6150, 13.5008, -83.8544
Hunter-Lab	75.6937, -38.4062, 1.2230

# Details

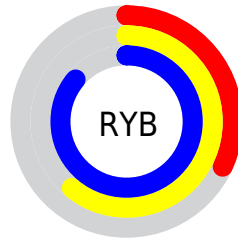
The Decimal color **5364940** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14438753**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **9568255**, and **42134** is the 20% darker color. If you saturate the color by 10%, you get **3923145**, and if you desaturate by 10%, it is **6806735**.

# Distribution



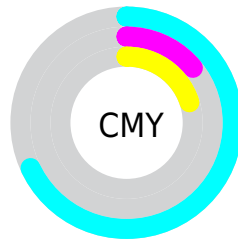
- Red (32%)
- Green (86%)
- Blue (80%)



- Red (32%)
- Yellow (61%)
- Blue (86%)



- Cyan (63%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (68%)
- Magenta (14%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5364940 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 5364940 by changing the saturation by 10% instead.



 5364940

 5364940

16777215

 2801841

 9568255

 42134

 11534335

 35196

 13500415

 28515

 15532031

 22092

 15925

 10528

 777

 0

■ 5364940

■ 5364940

■ 3923145

■ 6806735

■ 2481351

■ 8248529

■ 1039556

■ 9690324

■ 56515

■ 11132118

■ 12573913

■ 14015707

■ 15457502

■ 16768224

■ 16768227

# Harmonies

## Analogous

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



8706469



5364940



3005169

# Triad

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



5364940



13941759



16562819

# Complementary

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



5364940



14438753

# 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.



16756382



5364940



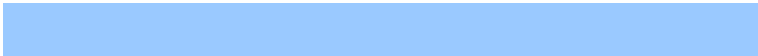
16625641

# Square

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



5364940



10144255



16755395



14403450

# Rectangle

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



5364940



4511743



16755395



16758154



# Sweetspot

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



5364940



13631481



6413393



6455420



0



8421504



# Same Dimension

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



5364940



4063209



5351388



6516332



44441



11817



# Inverse Universe

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



14438753



16727380



14452305



7234404



11337748

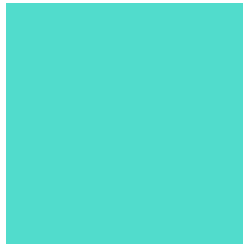


3014661



# Previews

## White Background



This preview shows how the Decimal color 5364940 looks on a white background.

## Color Contrast Check

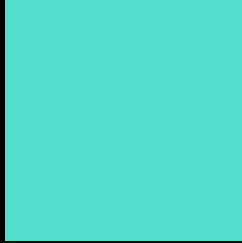
Large Text (above 18pt) WCAG AA × Fail

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 5364940 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

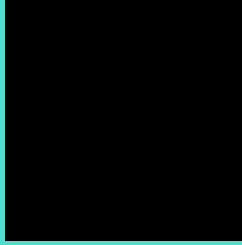
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

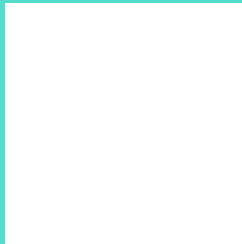
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5364940 Background



This preview shows how black text looks on a background with the Decimal color 5364940.



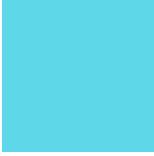
This preview shows how white text looks on a background with the Decimal color 5364940.

# 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**  
6215913

# Trichromacy



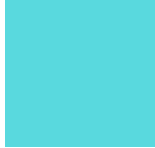
**Original Color**  
5364940



**Protanomaly**  
10472900



**Deuteranomaly**  
10799824

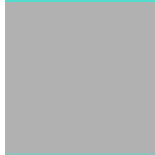


**Tritanomaly**  
5888478

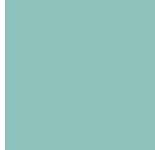
# Monochromacy



**Original Color**  
5364940



**Achromatopsia**  
11645361



**Achromatomaly**  
9355707

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5364940 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 #51DCCC looks like.

```
.text, #text, p{  
    color:#51DCCC  
}
```

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 #51DCCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DCCC
}
```

## Border

The CSS property to change the border of an element to Decimal 5364940 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
#51DCCC }
```

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

```
.border{ border-color:#51DCCC }
```

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

Here you see how a box with a 4 pixel #51DCCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DCCC; -webkit-box-shadow:4px 4px  
4px 4px #51DCCC; box-shadow:4px 4px 4px  
4px #51DCCC }
```

# Background

The CSS property to change the background color of an element to Decimal 5364940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DCCC }
```

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

```
.background{ background-color:#51DCCC }
```

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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