

Converting Colors

Decimal(5884870)

Have a look what the booklet for
Decimal(5884870) contains.

Decimal(5884870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5884870)

Conversions

Conversions Part 1

Format	Color
Hex	59CBC6
RGB	89, 203, 198
RGB Percent	35%, 80%, 78%
CMY	0.6510, 0.2039, 0.2235
CMYK	0.56, 0.00, 0.02, 0.20
HSL	177°, 52%, 57%
HSV	177°, 56%, 80%
XYZ	35.6688, 48.9129, 60.9873
YIQ	168.3440, -66.3390, -25.7230

Conversions

Conversions Part 2

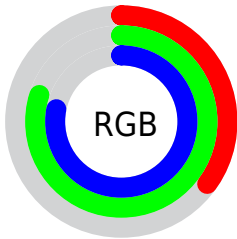
Format	Color
R_{YB}	89, 147, 203
Decimal	5884870
CIE Lab	75.40, -33.30, -7.28
CIE LCh	75, 34.089, 192.334
Yxy	48.9129, 0.2450, 0.3360
Android (android.graphics.Color)	4284074950 (0xFF59CBC6)
YUV	168.3440, 14.6204, -69.5847
Hunter-Lab	69.9378, -31.3548, -2.7457

Details

The Decimal color **5884870** 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 **13326686**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **9830399**, and **169104** is the 20% darker color. If you saturate the color by 10%, you get **4574149**, and if you desaturate by 10%, it is **7195591**.

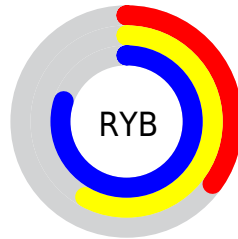
Distribution



Red (35%)

Green (80%)

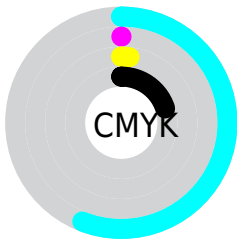
Blue (78%)



Red (35%)

Yellow (58%)

Blue (80%)

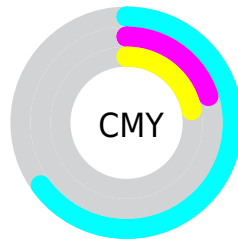


Cyan (56%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (65%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5884870 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 5884870 by changing the saturation by 10% instead.

■ 5884870

■ 5884870

16777215

■ 3714987

■ 9830399

■ 169104

■ 11730943

■ 31351

■ 13697023

■ 24926

■ 15663103

■ 18502

■ 12592

■ 7195

■ 0

■ 5884870

■ 5884870

4574149

7195591

3197892

8571848

1887171

9882569

576450

11193290

52162

12569546

13880267

15190988

16501709

16763854

Harmonies

Analogous

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



8047270



5884870



5425635

Triad

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



5884870



13544936



14725502

Complementary

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



5884870



13326686

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.



15968145



5884870



15508686

Square

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



5884870



10729719



16294574



12762236

Rectangle

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



5884870



6669809



16294574



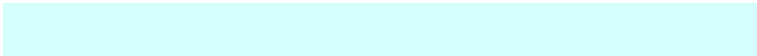
15249027

Sweetspot

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



5884870



13959165



6277977



6717566



0



8421504

Same Dimension

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



5884870



5570552



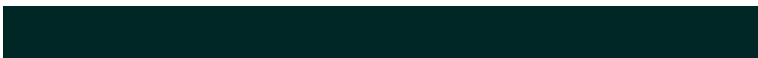
5871819



6055526



42654



9765

Inverse Universe

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



13326686



16733276



13339737



6708316



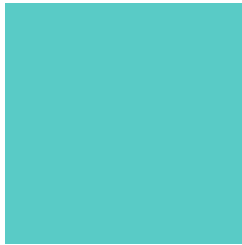
10878983



2490370

Previews

White Background



This preview shows how the Decimal color 5884870 looks on a white background.

Color Contrast Check

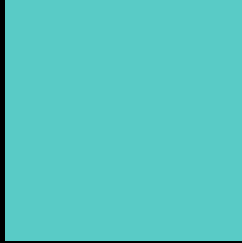
Large Text (above 18pt) WCAG AA × Fail

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 5884870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

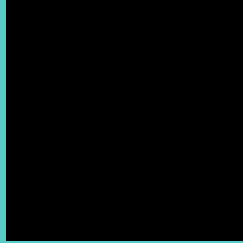
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

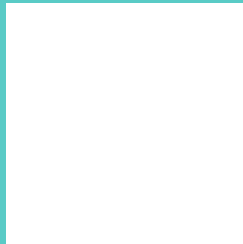
Any Text WCAG AAA ✓ Pass

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

Decimal 5884870 Background



This preview shows how black text looks on a background with the Decimal color 5884870.



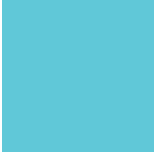
This preview shows how white text looks on a background with the Decimal color 5884870.

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
6342872

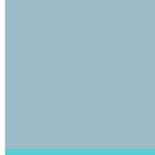
Trichromacy



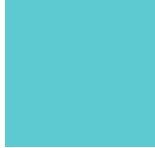
Original Color
5884870



Protanomaly
9944766



Deuteranomaly
10271945

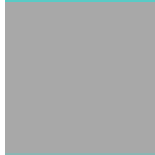


Tritanomaly
6146513

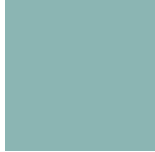
Monochromacy



Original Color
5884870



Achromatopsia
11053224



Achromatomaly
9156019

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5884870 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 #59CBC6 looks like.

```
.text, #text, p{  
    color:#59CBC6  
}
```

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 #59CBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59CBC6
}
```

Border

The CSS property to change the border of an element to Decimal 5884870 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
#59CBC6 }
```

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

```
.border{ border-color:#59CBC6 }
```

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

Here you see how a box with a 4 pixel #59CBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59CBC6; -webkit-box-shadow:4px 4px  
4px 4px #59CBC6; box-shadow:4px 4px 4px  
4px #59CBC6 }
```

Background

The CSS property to change the background color of an element to Decimal 5884870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59CBC6 }
```

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

```
.background{ background-color:#59CBC6 }
```

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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