

Converting Colors

Decimal(5295579)

Have a look what the booklet for
Decimal(5295579) contains.

Decimal(5295579)	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(5295579)

Conversions

Conversions Part 1

Format	Color
Hex	50CDDB
RGB	80, 205, 219
RGB Percent	31%, 80%, 86%
CMY	0.6863, 0.1961, 0.1412
CMYK	0.63, 0.06, 0.00, 0.14
HSL	186°, 66%, 59%
HSV	186°, 63%, 86%
XYZ	37.9258, 50.4826, 74.7630
YIQ	169.2210, -78.9940, -22.1460

Conversions

Conversions Part 2

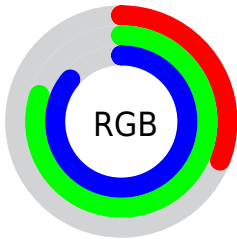
Format	Color
RYB	80, 146, 219
Decimal	5295579
CIELab	76.36, -30.02, -17.19
CIELCh	76, 34.596, 209.802
Yxy	50.4826, 0.2324, 0.3094
Android (android.graphics.Color)	4283485659 (0xFF50CDDB)
YUV	169.2210, 24.5410, -78.2468
Hunter-Lab	71.0511, -29.0594, -12.6517

Details

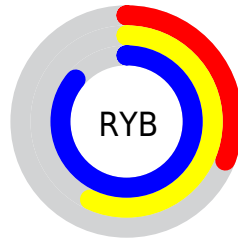
The Decimal color **5295579** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14376528**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9437183**, and **38564** is the 20% darker color. If you saturate the color by 10%, you get **3853275**, and if you desaturate by 10%, it is **6737883**.

Distribution



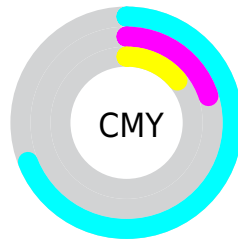
- Red (31%)
- Green (80%)
- Blue (86%)



- Red (31%)
- Yellow (57%)
- Blue (86%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5295579 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 5295579 by changing the saturation by 10% instead.

5295579

5295579

16777215

2732479

9437183

38564

11468799

31882

13434879

25456

15466495

19032

13121

8234

278

0

■ 5295579

■ 5295579

■ 3853275

■ 6737883

■ 2410971

■ 8180187

■ 968411

■ 9622747

■ 50651

■ 11065051

■ 12441819

■ 13884123

■ 15326427

■ 16768987

■ 16769499

Harmonies

Analogous

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



6803131



5295579



6539507

Triad

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



5295579



15051485



13875836

Complementary

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



5295579



14376528

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.



15576966



5295579



16360638

Square

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



5295579



12629236



16492446



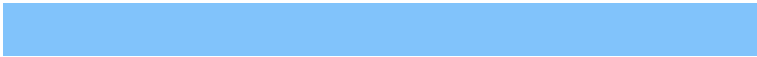
11650180

Rectangle

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



5295579



8504315



16492446



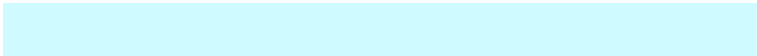
14464894

Sweetspot

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



5295579



13630207



5299038



6454656



0



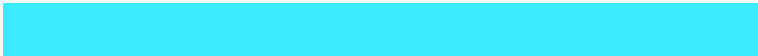
8421504

Same Dimension

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



5295579



4058111



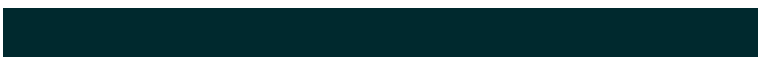
5277915



6516078



40109



10542

Inverse Universe

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



14373069



16727531



14394192



7234413



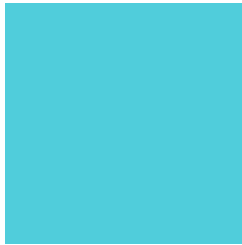
11337884



3014697

Previews

White Background



This preview shows how the Decimal color 5295579 looks on a white background.

Color Contrast Check

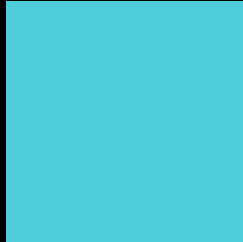
Large Text (above 18pt) WCAG AA × Fail

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 5295579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

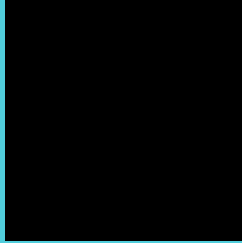
Any Text WCAG AA ✓ Pass

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 5295579 Background



This preview shows how black text looks on a background with the Decimal color 5295579.



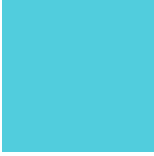
This preview shows how white text looks on a background with the Decimal color 5295579.

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](#).

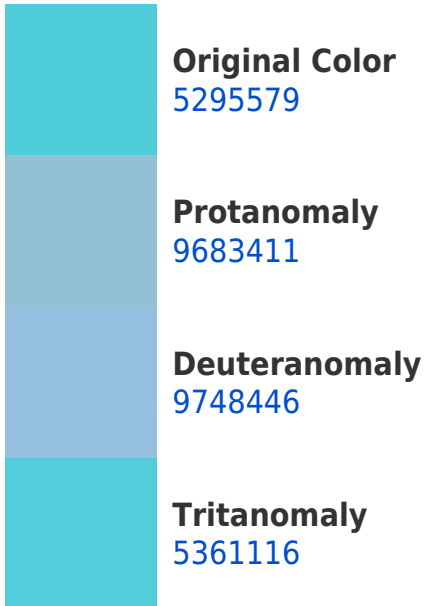
Dichromacy





Tritanopia
5361117

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5295579 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 #50CDDB looks like.

```
.text, #text, p{  
    color:#50CDDB  
}
```

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 #50CDEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50CDEB
}
```

Border

The CSS property to change the border of an element to Decimal 5295579 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
#50CDEB }
```

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

```
.border{ border-color:#50CDDB }
```

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

Here you see how a box with a 4 pixel #50CDDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50CDDB; -webkit-box-shadow:4px 4px  
4px 4px #50CDDB; box-shadow:4px 4px 4px  
4px #50CDDB }
```

Background

The CSS property to change the background color of an element to Decimal 5295579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50CDDB }
```

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

```
.background{ background-color:#50CDDB }
```

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