

Converting Colors

Decimal(5293957)

Have a look what the booklet for
Decimal(5293957) contains.

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Color

Decimal(5293957)

Conversions

Conversions Part 1

Format	Color
Hex	50C785
RGB	80, 199, 133
RGB Percent	31%, 78%, 52%
CMY	0.6863, 0.2196, 0.4784
CMYK	0.60, 0.00, 0.33, 0.22
HSL	147°, 52%, 55%
HSV	147°, 60%, 78%
XYZ	27.9653, 44.2458, 29.2567
YIQ	155.8950, -49.7380, -45.7540

Conversions

Conversions Part 2

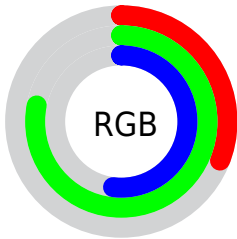
Format	Color
RYB	80, 162, 199
Decimal	5293957
CIELab	72.39, -48.45, 23.34
CIElCh	72, 53.777, 154.274
Yxy	44.2458, 0.2756, 0.4361
Android (android.graphics.Color)	4283484037 (0xFF50C785)
YUV	155.8950, -11.2872, -66.5599
Hunter-Lab	66.5175, -41.3605, 20.4845

Details

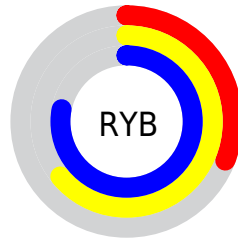
The Decimal color **5293957** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13062290**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9174970**, and **36947** is the 20% darker color. If you saturate the color by 10%, you get **3983226**, and if you desaturate by 10%, it is **6604688**.

Distribution



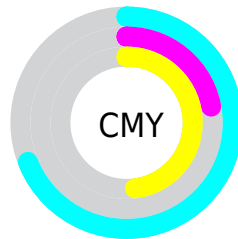
- Red (31%)
- Green (78%)
- Blue (52%)



- Red (31%)
- Yellow (64%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5293957 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 5293957 by changing the saturation by 10% instead.

 5293957

 5293957

16777215

 3124075

 9174970

 36947

 11075542


 30267

 12976115

 23589

 14942207

 17167

 11520

 3840

 0

 5293957

 5293957

■ 3983226

■ 6604688

■ 2672495

■ 7915419

■ 1361764

■ 9226150

■ 51033

■ 10536881

■ 11847612

■ 13092807

■ 14403538

■ 15714269

■ 16762856

Harmonies

Analogous

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



9748317



5293957



51895

Triad

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



5293957



6731007



16748413

Complementary

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



5293957



13062290

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.



16746412



5293957



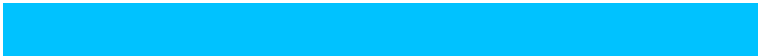
12493567

Square

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



5293957



49919



16027869



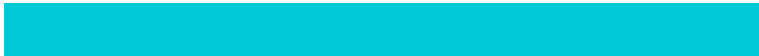
15769689

Rectangle

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



5293957



51928



16027869



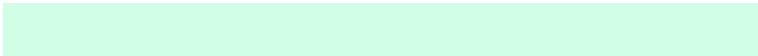
16747404

Sweetspot

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



5293957



13762534



9684816



6520944



0



8421504

Same Dimension

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



5293957



4718489



5294015



5923678



41801



9232

Inverse Universe

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



13062290



16730029



13062232



6511199



10682459



2359316

Previews

White Background



This preview shows how the Decimal color 5293957 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 5293957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

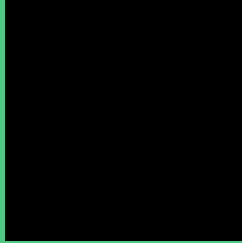
Any Text WCAG AA ✓ Pass

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 5293957 Background



This preview shows how black text looks on a background with the Decimal color 5293957.

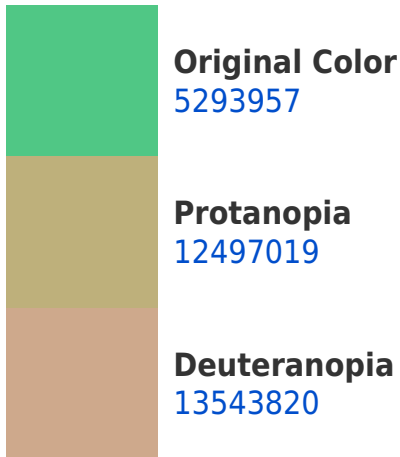


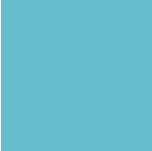
This preview shows how white text looks on a background with the Decimal color 5293957.

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](#).

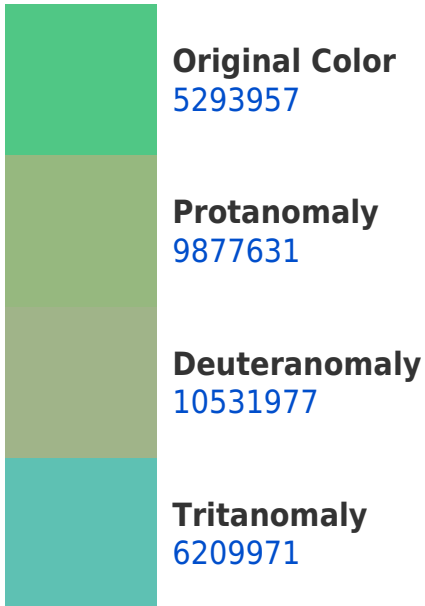
Dichromacy



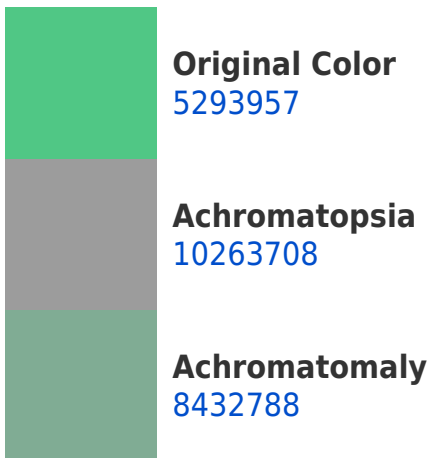


Tritanopia
6733517

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5293957 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 #50C785 looks like.

```
.text, #text, p{  
    color:#50C785  
}
```

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 #50C785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C785
}
```

Border

The CSS property to change the border of an element to Decimal 5293957 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
#50C785 }
```

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

```
.border{ border-color:#50C785 }
```

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

Here you see how a box with a 4 pixel #50C785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C785; -webkit-box-shadow:4px 4px  
4px 4px #50C785; box-shadow:4px 4px 4px  
4px #50C785 }
```

Background

The CSS property to change the background color of an element to Decimal 5293957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C785 }
```

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

```
.background{ background-color:#50C785 }
```

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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