

Converting Colors

Decimal(5300182)

Have a look what the booklet for
Decimal(5300182) contains.

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Color

Decimal(5300182)

Conversions

Conversions Part 1

Format	Color
Hex	50DFD6
RGB	80, 223, 214
RGB Percent	31%, 87%, 84%
CMY	0.6863, 0.1255, 0.1608
CMYK	0.64, 0.00, 0.04, 0.13
HSL	176°, 69%, 59%
HSV	176°, 64%, 87%
XYZ	41.8335, 59.3359, 72.8664
YIQ	179.2170, -82.3390, -33.1150

Conversions

Conversions Part 2

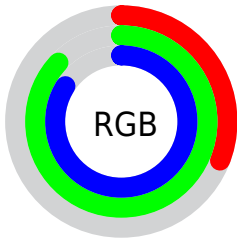
Format	Color
RYB	80, 154, 223
Decimal	5300182
CIELab	81.48, -39.82, -6.88
CIELCh	81, 40.410, 189.798
Yxy	59.3359, 0.2404, 0.3409
Android (android.graphics.Color)	4283490262 (0xFF50DFD6)
YUV	179.2170, 17.1480, -87.0133
Hunter-Lab	77.0298, -37.8618, -2.1646

Details

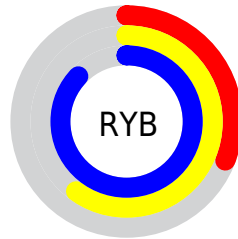
The Decimal color **5300182** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14635097**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9568255**, and **42911** is the 20% darker color. If you saturate the color by 10%, you get **3858389**, and if you desaturate by 10%, it is **6741975**.

Distribution



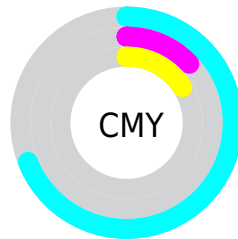
- Red (31%)
- Green (87%)
- Blue (84%)



- Red (31%)
- Yellow (60%)
- Blue (87%)



- Cyan (64%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (69%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5300182 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 5300182 by changing the saturation by 10% instead.

5300182

5300182

16777215

2540474

9568255

42911

11599871

35973

13565951

29292

15597567

22868

16445

10791

2835

0

■ 5300182

■ 5300182

■ 3858389

■ 6741975

■ 2351059

■ 8249305

■ 909266

■ 9691098

■ 57297

■ 11132892

■ 12640221

■ 14082014

■ 15523808

■ 16768993

■ 16768995

Harmonies

Analogous

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



8445359



5300182



3988986

Triad

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



5300182



14662911



16433028

Complementary

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



5300182



14635097

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.



16757660



5300182



16757221

Square

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



5300182



11127551



16756159



14208127

Rectangle

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



5300182



5757183



16756159



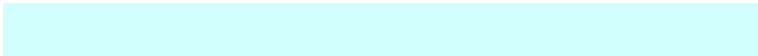
16759690

Sweetspot

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



5300182



13631484



5955408



6455422



0



8421504

Same Dimension

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



5300182



3932147



5284319



6647919



45221



12333

Inverse Universe

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



14635097



16726855



14650960



7365990



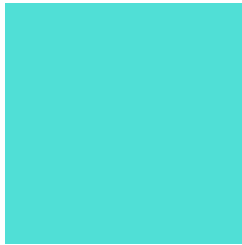
11534347



3145731

Previews

White Background



This preview shows how the Decimal color 5300182 looks on a white background.

Color Contrast Check

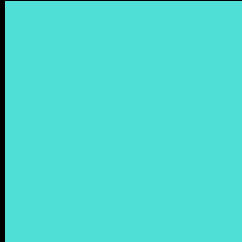
Large Text (above 18pt) WCAG AA × Fail

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 5300182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

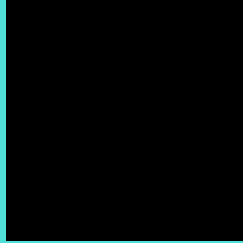
Any Text WCAG AA ✓ Pass

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 5300182 Background



This preview shows how black text looks on a background with the Decimal color 5300182.

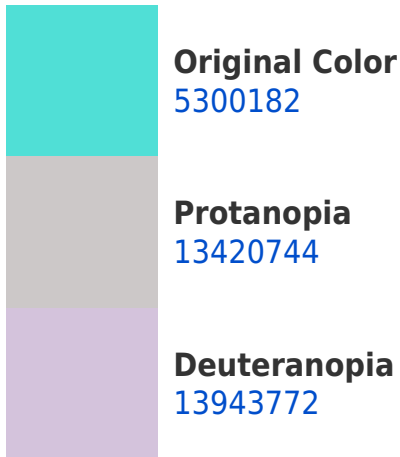


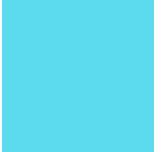
This preview shows how white text looks on a background with the Decimal color 5300182.

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](#).

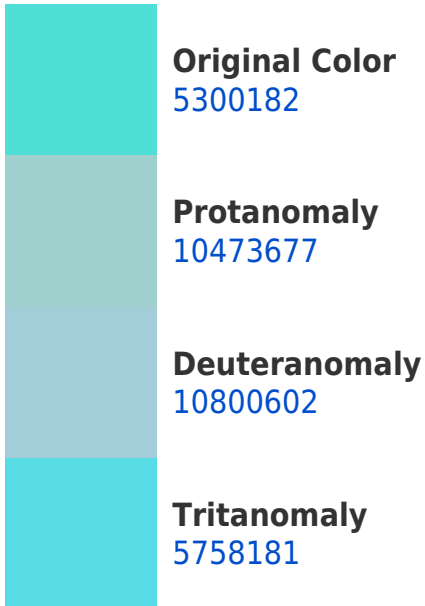
Dichromacy





Tritanopia
6020077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5300182 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 #50DFD6 looks like.

```
.text, #text, p{  
    color:#50DFD6  
}
```

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 #50DFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50DFD6
}
```

Border

The CSS property to change the border of an element to Decimal 5300182 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
#50DFD6 }
```

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

```
.border{ border-color:#50DFD6 }
```

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

Here you see how a box with a 4 pixel #50DFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50DFD6; -webkit-box-shadow:4px 4px  
4px 4px #50DFD6; box-shadow:4px 4px 4px  
4px #50DFD6 }
```

Background

The CSS property to change the background color of an element to Decimal 5300182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50DFD6 }
```

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

```
.background{ background-color:#50DFD6 }
```

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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