

Converting Colors

Decimal(50081)

Have a look what the booklet for
Decimal(50081) contains.

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Color

Decimal(50081)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C3A1 |
| RGB | 0, 195, 161 |
| RGB Percent | 0%, 76%, 63% |
| CMY | 1.0000, 0.2353, 0.3686 |
| CMYK | 1.00, 0.00, 0.17, 0.24 |
| HSL | 170°, 100%, 38% |
| HSV | 170°, 100%, 76% |
| XYZ | 25.9481, 41.6034, 40.3809 |
| YIQ | 132.8190, -105.3060, -51.9140 |

Conversions

Conversions Part 2

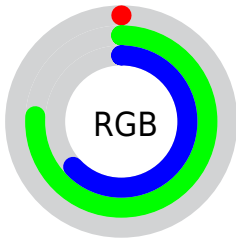
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 107, 195 |
| Decimal | 50081 |
| CIELab | 70.60, -48.90, 5.61 |
| CIELCh | 71, 49.223, 173.454 |
| Yxy | 41.6034, 0.2404, 0.3855 |
| Android (android.graphics.Color) | 4278240161 (0xFF00C3A1) |
| YUV | 132.8190, 13.8932, -116.4823 |
| Hunter-Lab | 64.5007, -41.0671, 8.0318 |

Details

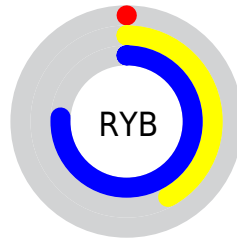
The Decimal color **50081** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **12779554**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **6618328**, and **35950** is the 20% darker color. If you saturate the color by 10%, you get **50081**, and if you desaturate by 10%, it is **1295268**.

Distribution



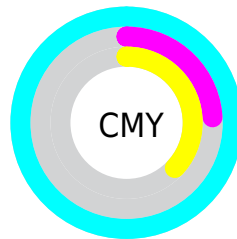
- Red (0%)
- Green (76%)
- Blue (63%)



- Red (0%)
- Yellow (42%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



















- Cyan (100%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50081 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 50081 by changing the saturation by 10% instead.


| | |
|--|--|
|  50081 |  50081 |
|  16777215 |  42887 |
|  6618328 |  35950 |
|  8781812 |  29269 |
|  10813439 |  22590 |
|  12845055 |  16168 |
|  14811135 |  10772 |
| |  1024 |
| |  0 |

 50081


 1295268

 2605992

 3916715

 5161903

 6472626

 7717813

 8963001

 10273724

 11584448

Harmonies

Analogous

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



7323253



50081



50127

Triad

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



50081



10593791



15832678

Complementary

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



50081



12779554

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.



16747147



50081



14390499

Square

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



50081



4437247



16484536



13674322

Rectangle

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



50081



49641



16484536



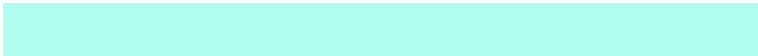
16290161

Sweetspot

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



50081



11664623



2409216



5406839



0



8421504

Same Dimension

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



50081



64720



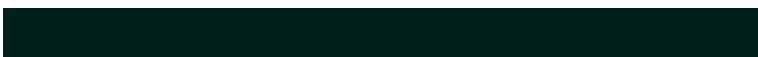
34243



5726559



41349



8475

Inverse Universe

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



12779554



16515116



12795392



6379353



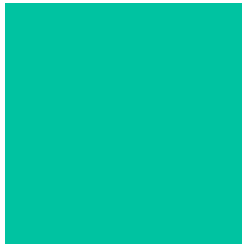
10551324



2162694

Previews

White Background



This preview shows how the Decimal color 50081 looks on a white background.

Color Contrast Check

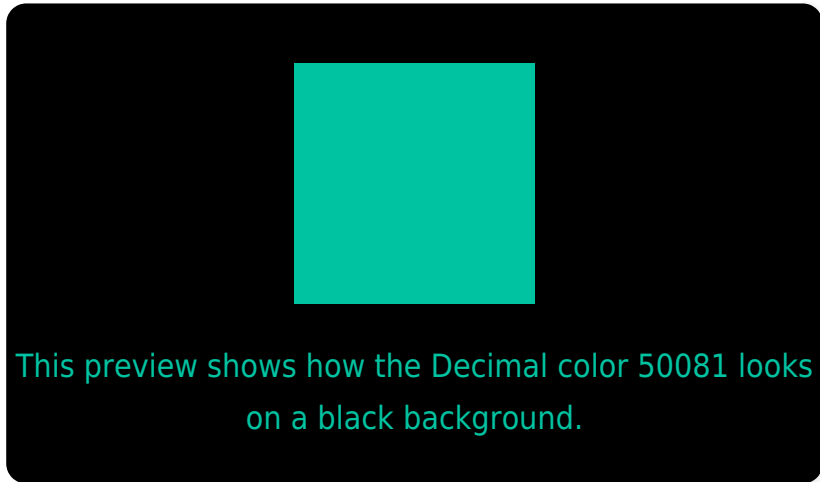
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

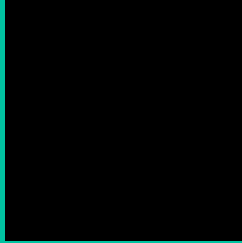
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

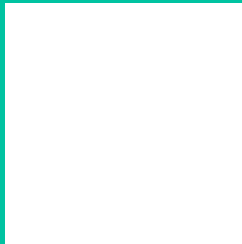
Any Text WCAG AAA ✓ Pass

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

Decimal 50081 Background



This preview shows how black text looks on a background with the Decimal color 50081.

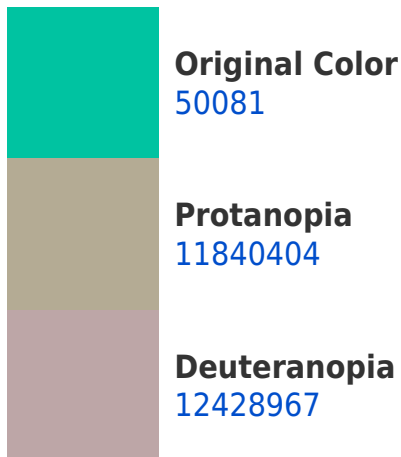


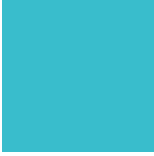
This preview shows how white text looks on a background with the Decimal color 50081.

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
3784140

Trichromacy



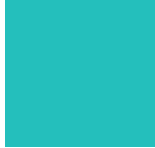
Original Color
50081



Protanomaly
7582873



Deuteranomaly
7909797



Tritanomaly
2408380

Monochromacy



Original Color
50081



Achromatopsia
8750469



Achromatomaly
5610639

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50081 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 #00C3A1 looks like.

```
.text, #text, p{  
    color:#00C3A1  
}
```

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 #00C3A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3A1
}
```

Border

The CSS property to change the border of an element to Decimal 50081 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
#00C3A1 }
```

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

```
.border{ border-color:#00C3A1 }
```

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

Here you see how a box with a 4 pixel #00C3A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3A1; -webkit-box-shadow:4px 4px  
4px 4px #00C3A1; box-shadow:4px 4px 4px  
4px #00C3A1 }
```

Background

The CSS property to change the background color of an element to Decimal 50081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3A1 }
```

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

```
.background{ background-color:#00C3A1 }
```

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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