

# Converting Colors

Decimal(57550)

Have a look what the booklet for  
Decimal(57550) contains.

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# **Color**

**Decimal(57550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E0CE
RGB	0, 224, 206
RGB Percent	0%, 88%, 81%
CMY	1.0000, 0.1216, 0.1922
CMYK	1.00, 0.00, 0.08, 0.12
HSL	175°, 100%, 44%
HSV	175°, 100%, 88%
XYZ	37.7962, 57.7675, 67.5507
YIQ	154.9720, -127.7260, -53.0860

# Conversions

## Conversions Part 2

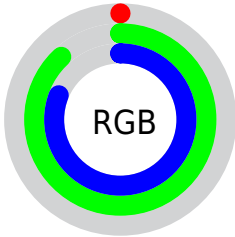
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 117, 224
Decimal	57550
CIELab	80.61, -48.74, -4.01
CIELCh	81, 48.901, 184.702
Yxy	57.7675, 0.2317, 0.3542
Android (android.graphics.Color)	4278247630 (0xFF00E0CE)
YUV	154.9720, 25.1568, -135.9104
Hunter-Lab	76.0050, -44.2431, 0.5085

# Details

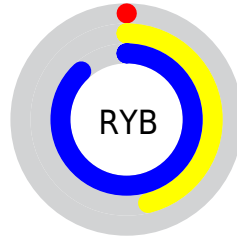
The Decimal color **57550** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14680082**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7274495**, and **43160** is the 20% darker color. If you saturate the color by 10%, you get **57550**, and if you desaturate by 10%, it is **1499344**.

# Distribution



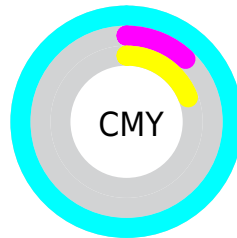
- Red (0%)
- Green (88%)
- Blue (81%)



- Red (0%)
- Yellow (46%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 57550 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 57550 by changing the saturation by 10% instead.





■ 57550

■ 1499344

■ 3006674

■ 4448467

■ 5955797

■ 7397591

■ 8839385

■ 10346715

■ 11788508

■ 13295838

# Harmonies

## Analogous

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



7593375



57550



57083

# Triad

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



57550



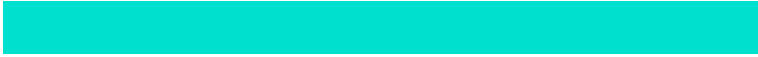
14072319



16758902

# Complementary

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



57550



14680082

# 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.



16755094



57550



16755440

# Square

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



57550



9292543



16753603



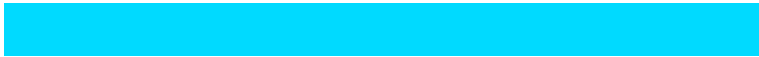
14600299

# Rectangle

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



57550



56063



16753603

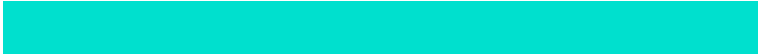


16757375

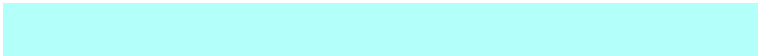


# Sweetspot

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



57550



11796473



1302528



5406844



0



8421504



# Same Dimension

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



57550



65515



33760



6647919



45218



12333



# Inverse Universe

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



14680082



16711700



14703872



7365990



11534350

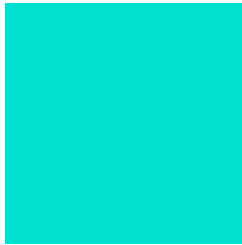


3145732



# Previews

## White Background



This preview shows how the Decimal color 57550 looks on a white background.

## Color Contrast Check

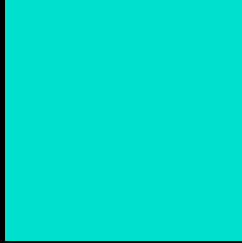
Large Text (above 18pt) WCAG AA × Fail

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 57550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

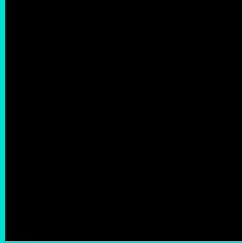
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

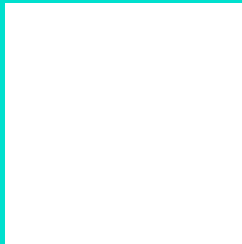
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 57550 Background



This preview shows how black text looks on a background with the Decimal color 57550.



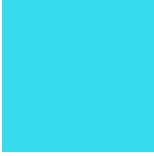
This preview shows how white text looks on a background with the Decimal color 57550.

# 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](#).

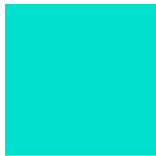
## Dichromacy



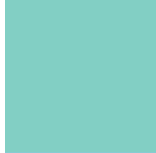


**Tritanopia**  
3595245

# Trichromacy



**Original Color**  
57550



**Protanomaly**  
8572868



**Deuteranomaly**  
8834258

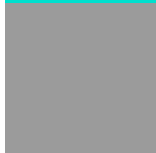


**Tritanomaly**  
2285026

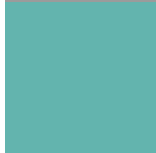
# Monochromacy



**Original Color**  
57550



**Achromatopsia**  
10197915



**Achromatomaly**  
6534318

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 57550 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 #00E0CE looks like.

```
.text, #text, p{  
    color:#00E0CE  
}
```

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 #00E0CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E0CE
}
```

## Border

The CSS property to change the border of an element to Decimal 57550 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
#00E0CE }
```

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

```
.border{ border-color:#00E0CE }
```

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

Here you see how a box with a 4 pixel #00E0CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E0CE; -webkit-box-shadow:4px 4px  
4px 4px #00E0CE; box-shadow:4px 4px 4px  
4px #00E0CE }
```

# Background

The CSS property to change the background color of an element to Decimal 57550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E0CE }
```

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

```
.background{ background-color:#00E0CE }
```

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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