

Converting Colors

Decimal(55217)

Have a look what the booklet for
Decimal(55217) contains.

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Color

Decimal(55217)

Conversions

Conversions Part 1

Format	Color
Hex	00D7B1
RGB	0, 215, 177
RGB Percent	0%, 84%, 69%
CMY	1.0000, 0.1569, 0.3059
CMYK	1.00, 0.00, 0.18, 0.16
HSL	169°, 100%, 42%
HSV	169°, 100%, 84%
XYZ	32.2363, 51.7752, 49.8896
YIQ	146.3830, -115.9420, -57.3980

Conversions

Conversions Part 2

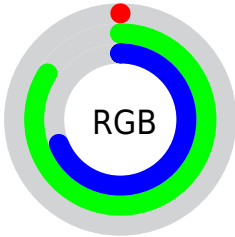
Format	Color
RYB	0, 118, 215
Decimal	55217
CIELab	77.15, -52.80, 6.41
CIELCh	77, 53.191, 173.078
Yxy	51.7752, 0.2407, 0.3867
Android (android.graphics.Color)	4278245297 (0xFF00D7B1)
YUV	146.3830, 15.0942, -128.3779
Hunter-Lab	71.9550, -45.9522, 9.2601

Details

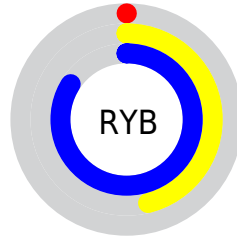
The Decimal color **55217** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **14090278**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **7012329**, and **40828** is the 20% darker color. If you saturate the color by 10%, you get **55217**, and if you desaturate by 10%, it is **1431477**.

Distribution



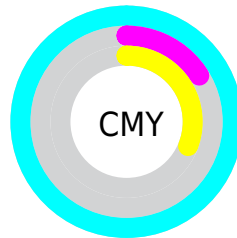
- Red (0%)
- Green (84%)
- Blue (69%)



- Red (0%)
- Yellow (46%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)

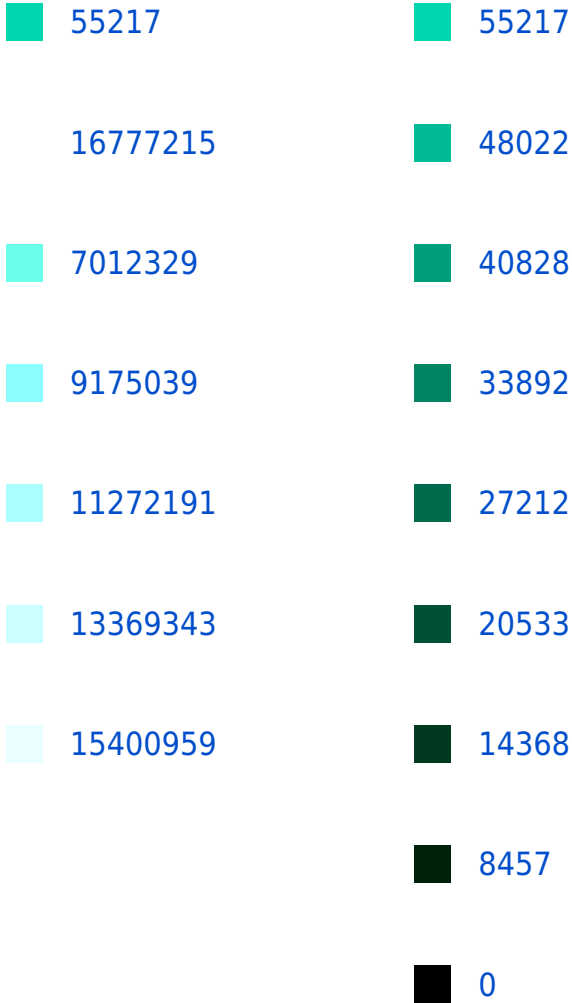


- Cyan (100%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 55217 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 55217 by changing the saturation by 10% instead.



55217

■ 1431477

■ 2873273

■ 4315068

■ 5691328

■ 7133124

■ 8509384

■ 9951180

■ 11327439

■ 12769235

Harmonies

Analogous

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



8114817



55217



55268

Triad

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



55217



11581183



16754289

Complementary

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



55217



14090278

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.



16750747



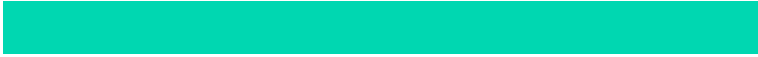
55217



15836154

Square

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



55217



4769791



16750284



15120474

Rectangle

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



55217



54783



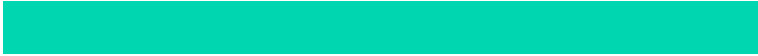
16750284



16752765

Sweetspot

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



55217



11796465



2610944



5406839



0



8421504

Same Dimension

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



55217



65490



37847



6318953



43917



11044

Inverse Universe

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



14090278



16711725



14107648



7037026



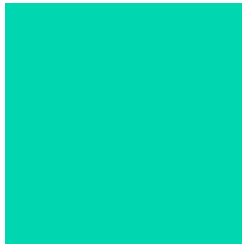
11206686



2818056

Previews

White Background



This preview shows how the Decimal color 55217 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 55217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

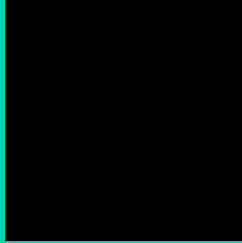
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

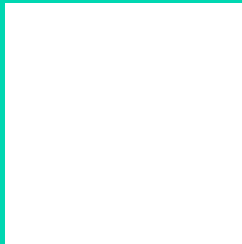
Any Text WCAG AAA ✓ Pass

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

Decimal 55217 Background



This preview shows how black text looks on a background with the Decimal color 55217.

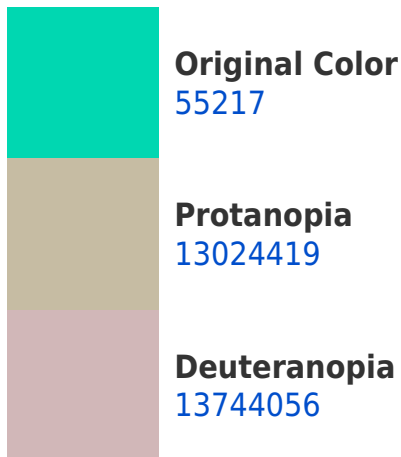


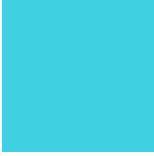
This preview shows how white text looks on a background with the Decimal color 55217.

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
4182241

Trichromacy



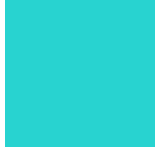
Original Color
55217



Protanomaly
8308392

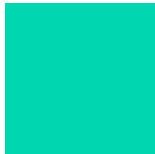


Deuteranomaly
8766389



Tritanomaly
2675664

Monochromacy



Original Color
55217



Achromatopsia
9605778



Achromatomaly
6138781

CSS Examples

Text

The CSS property to change the color of the text to Decimal 55217 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 #00D7B1 looks like.

```
.text, #text, p{  
  color:#00D7B1  
}
```

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 #00D7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D7B1
}
```

Border

The CSS property to change the border of an element to Decimal 55217 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
#00D7B1 }
```

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

```
.border{ border-color:#00D7B1 }
```

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

Here you see how a box with a 4 pixel #00D7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D7B1; -webkit-box-shadow:4px 4px  
4px 4px #00D7B1; box-shadow:4px 4px 4px  
4px #00D7B1 }
```

Background

The CSS property to change the background color of an element to Decimal 55217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D7B1 }
```

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

```
.background{ background-color:#00D7B1 }
```

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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