

Converting Colors

Decimal(53682)

Have a look what the booklet for
Decimal(53682) contains.

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Color

Decimal(53682)

Conversions

Conversions Part 1

Format	Color
Hex	00D1B2
RGB	0, 209, 178
RGB Percent	0%, 82%, 70%
CMY	1.0000, 0.1804, 0.3020
CMYK	1.00, 0.00, 0.15, 0.18
HSL	171°, 100%, 41%
HSV	171°, 100%, 82%
XYZ	30.8363, 48.8153, 49.9165
YIQ	142.9750, -114.6130, -53.9490

Conversions

Conversions Part 2

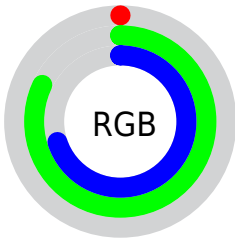
Format	Color
RYB	0, 113, 209
Decimal	53682
CIELab	75.34, -50.12, 3.26
CIELCh	75, 50.230, 176.277
Yxy	48.8153, 0.2380, 0.3768
Android (android.graphics.Color)	4278243762 (0xFF00D1B2)
YUV	142.9750, 17.2673, -125.3891
Hunter-Lab	69.8679, -43.4876, 6.5483

Details

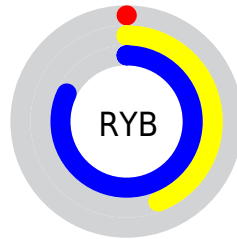
The Decimal color **53682** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **13697055**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **6946794**, and **39293** is the 20% darker color. If you saturate the color by 10%, you get **53682**, and if you desaturate by 10%, it is **1429941**.

Distribution



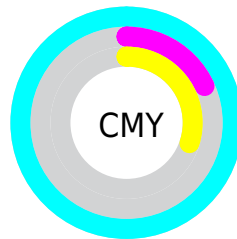
- Red (0%)
- Green (82%)
- Blue (70%)



- Red (0%)
- Yellow (44%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)

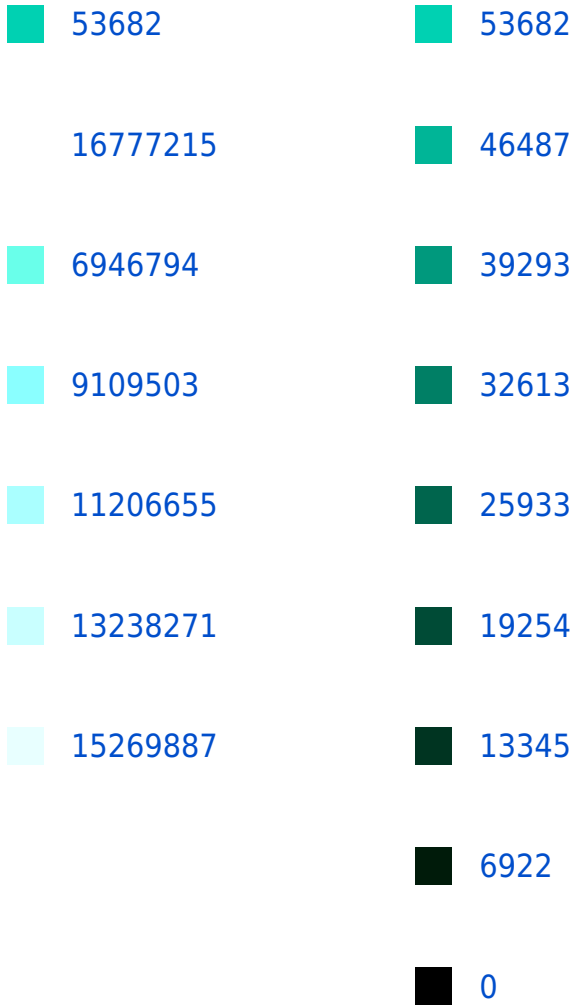


- Cyan (100%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53682 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 53682 by changing the saturation by 10% instead.



53682

■ 1429941

■ 2806200

■ 4182459

■ 5558718

■ 6934978

■ 8245701

■ 9621960

■ 10998219

■ 12374478

Harmonies

Analogous

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



7654532



53682



53729

Triad

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



53682



11841791



16688238

Complementary

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



53682



13697055

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.



16750483



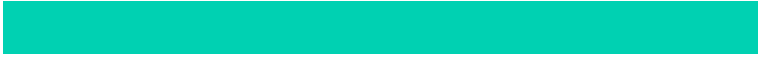
53682



15638254

Square

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



53682



6144255



16749761



14398811

Rectangle

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



53682



52987



16749761



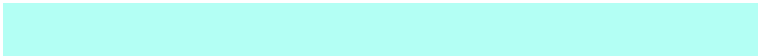
16752505

Sweetspot

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



53682



11796468



2085120



5406841



0



8421504

Same Dimension

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



53682



65497



35025



6187367



43151



10531

Inverse Universe

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



13697055



16711718



13715712



6905440



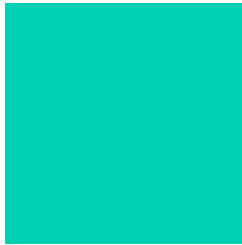
11010073



2686982

Previews

White Background



This preview shows how the Decimal color 53682 looks on a white background.

Color Contrast Check

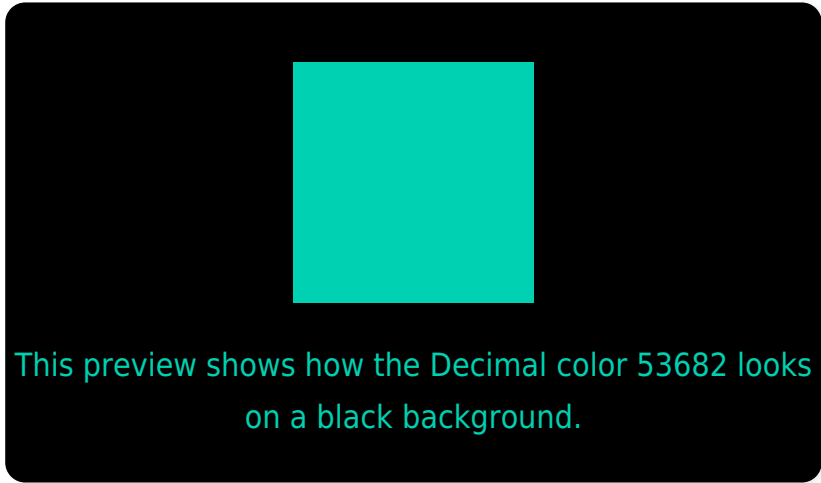
Large Text (above 18pt) WCAG AA × Fail

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

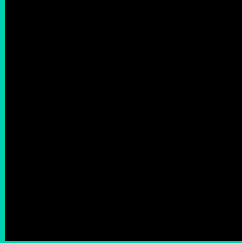
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

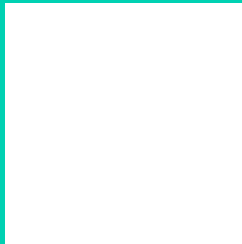
Any Text WCAG AAA ✓ Pass

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

Decimal 53682 Background



This preview shows how black text looks on a background with the Decimal color 53682.

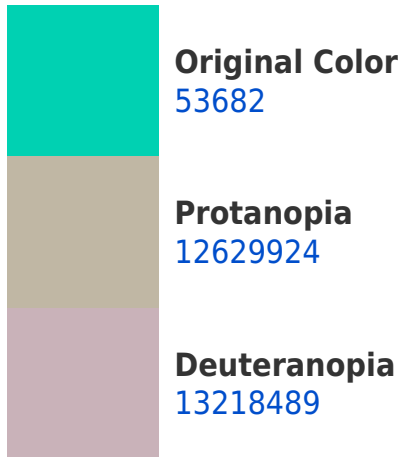


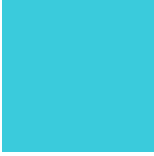
This preview shows how white text looks on a background with the Decimal color 53682.

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](#).

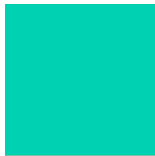
Dichromacy





Tritanopia
3853276

Trichromacy



Original Color

53682



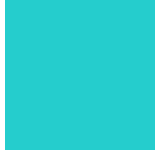
Protanomaly

8044713



Deuteranomaly

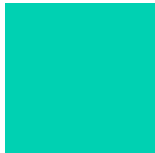
8437174



Tritanomaly

2477517

Monochromacy



Original Color

53682



Achromatopsia

9408399



Achromatomaly

6006684

CSS Examples

Text

The CSS property to change the color of the text to Decimal 53682 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 #00D1B2 looks like.

```
.text, #text, p{  
  color:#00D1B2  
}
```

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 #00D1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1B2
}
```

Border

The CSS property to change the border of an element to Decimal 53682 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
#00D1B2 }
```

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

```
.border{ border-color:#00D1B2 }
```

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

Here you see how a box with a 4 pixel #00D1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1B2; -webkit-box-shadow:4px 4px  
4px 4px #00D1B2; box-shadow:4px 4px 4px  
4px #00D1B2 }
```

Background

The CSS property to change the background color of an element to Decimal 53682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1B2 }
```

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

```
.background{ background-color:#00D1B2 }
```

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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