

Converting Colors

Decimal(53652)

Have a look what the booklet for
Decimal(53652) contains.

Decimal(53652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(53652)

Conversions

Conversions Part 1

Format	Color
Hex	00D194
RGB	0, 209, 148
RGB Percent	0%, 82%, 58%
CMY	1.0000, 0.1804, 0.4196
CMYK	1.00, 0.00, 0.29, 0.18
HSL	162°, 100%, 41%
HSV	162°, 100%, 82%
XYZ	28.1458, 47.7390, 35.7481
YIQ	139.5550, -104.9830, -63.2790

Conversions

Conversions Part 2

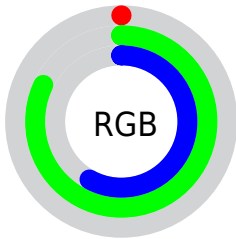
Format	Color
RYB	0, 122, 209
Decimal	53652
CIELab	74.66, -57.51, 18.34
CIELCh	75, 60.360, 162.314
Yxy	47.7390, 0.2521, 0.4276
Android (android.graphics.Color)	4278243732 (0xFF00D194)
YUV	139.5550, 4.1634, -122.3897
Hunter-Lab	69.0934, -48.2002, 17.6895

Details

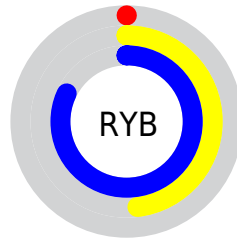
The Decimal color **53652** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13697085**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **6815690**, and **39265** is the 20% darker color. If you saturate the color by 10%, you get **53652**, and if you desaturate by 10%, it is **1429914**.

Distribution



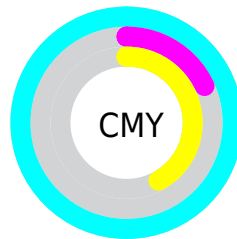
- Red (0%)
- Green (82%)
- Blue (58%)



- Red (0%)
- Yellow (48%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)

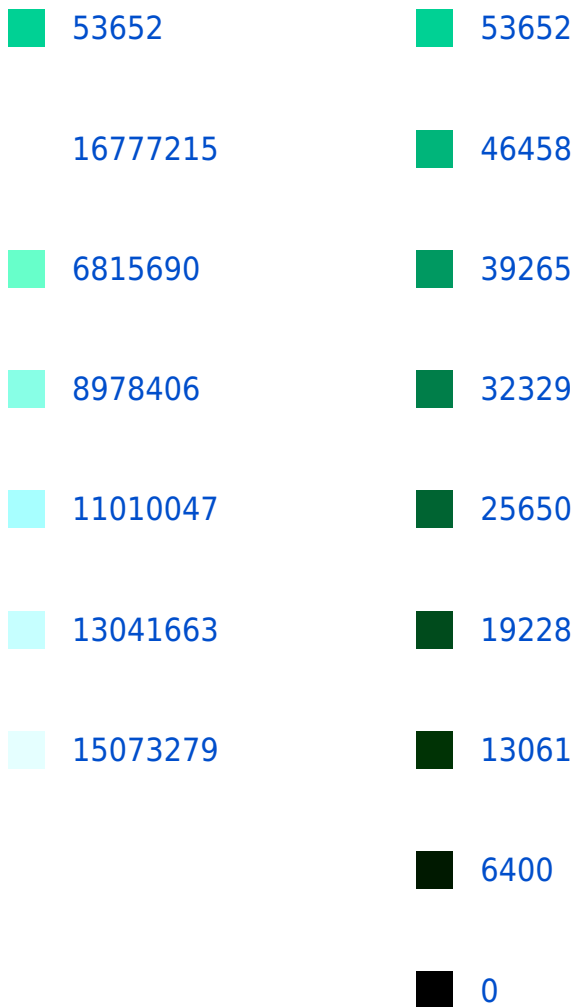


- Cyan (100%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53652 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 53652 by changing the saturation by 10% instead.



 53652

 1429914

 2806176

 4182438

 5558700

 6934963

 8245689

 9621951

 10998213

 12374475

Harmonies

Analogous

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



8702306



53652



54222

Triad

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



53652



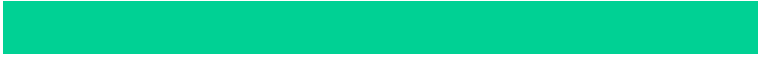
8304383



16749679

Complementary

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



53652



13697085

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.



16746403



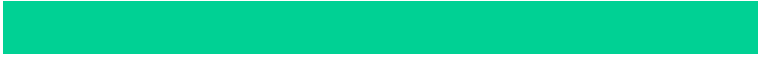
53652



14262527

Square

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



53652



51199



16747739



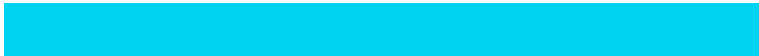
15903051

Rectangle

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



53652



54002



16747739



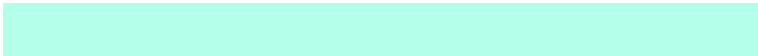
16748159

Sweetspot

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



53652



11796457



4182272



5406834



0



8421504

Same Dimension

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



53652



65461



42961



6187365



43127



10525

Inverse Universe

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



13697085



16711754



13707776



6905441



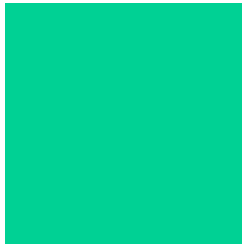
11010097



2686988

Previews

White Background



This preview shows how the Decimal color 53652 looks on a white background.

Color Contrast Check

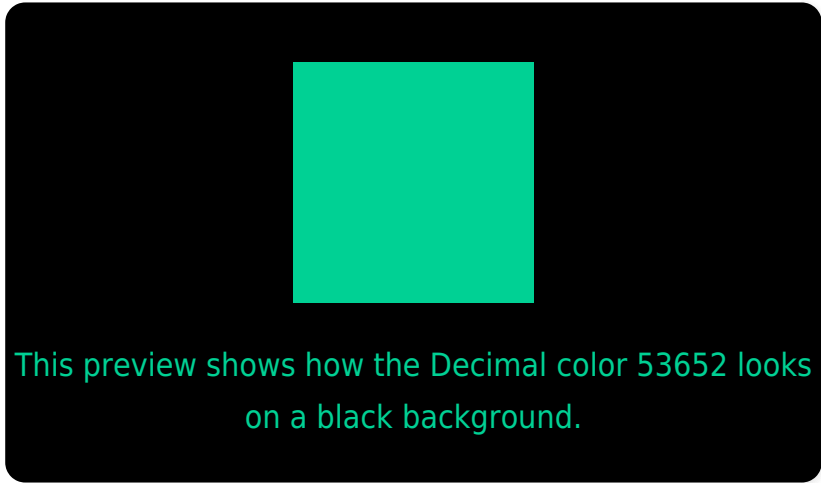
Large Text (above 18pt) WCAG AA × Fail

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

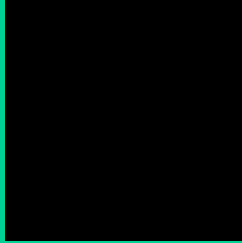
Any Text WCAG AA ✓ Pass

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 53652 Background



This preview shows how black text looks on a background with the Decimal color 53652.

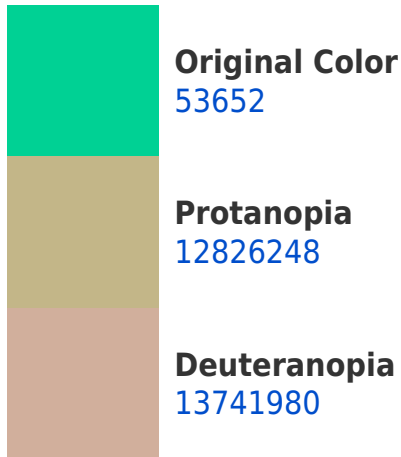


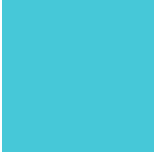
This preview shows how white text looks on a background with the Decimal color 53652.

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](#).

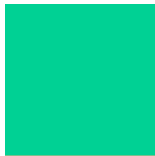
Dichromacy





Tritanopia
4638936

Trichromacy



Original Color

53652



Protanomaly

8175756



Deuteranomaly

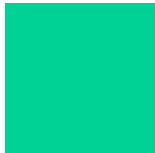
8764313



Tritanomaly

3001279

Monochromacy



Original Color

53652



Achromatopsia

9211020



Achromatomaly

5875087

CSS Examples

Text

The CSS property to change the color of the text to Decimal 53652 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 #00D194 looks like.

```
.text, #text, p{  
    color:#00D194  
}
```

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 #00D194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D194
}
```

Border

The CSS property to change the border of an element to Decimal 53652 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
#00D194 }
```

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

```
.border{ border-color:#00D194 }
```

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

Here you see how a box with a 4 pixel #00D194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D194; -webkit-box-shadow:4px 4px  
4px 4px #00D194; box-shadow:4px 4px 4px  
4px #00D194 }
```

Background

The CSS property to change the background color of an element to Decimal 53652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D194 }
```

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

```
.background{ background-color:#00D194 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor