

Converting Colors

Decimal(56244)

Have a look what the booklet for
Decimal(56244) contains.

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Color

Decimal(56244)

Conversions

Conversions Part 1

Format	Color
Hex	00DBB4
RGB	0, 219, 180
RGB Percent	0%, 86%, 71%
CMY	1.0000, 0.1412, 0.2941
CMYK	1.00, 0.00, 0.18, 0.14
HSL	169°, 100%, 43%
HSV	169°, 100%, 86%
XYZ	33.5697, 53.9583, 51.8257
YIQ	149.0730, -118.0050, -58.5570

Conversions

Conversions Part 2

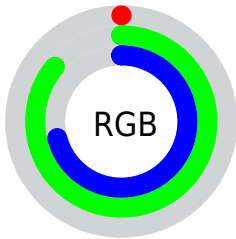
Format	Color
RYB	0, 120, 219
Decimal	56244
CIELab	78.44, -53.63, 6.67
CIELCh	78, 54.038, 172.913
Yxy	53.9583, 0.2409, 0.3872
Android (android.graphics.Color)	4278246324 (0xFF00DBB4)
YUV	149.0730, 15.2470, -130.7370
Hunter-Lab	73.4563, -46.9736, 9.5885

Details

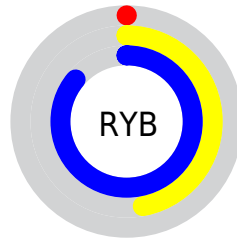
The Decimal color **56244** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **14352423**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **7077868**, and **41855** is the 20% darker color. If you saturate the color by 10%, you get **56244**, and if you desaturate by 10%, it is **1498040**.

Distribution



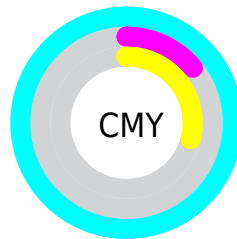
- Red (0%)
- Green (86%)
- Blue (71%)



- Red (0%)
- Yellow (47%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)

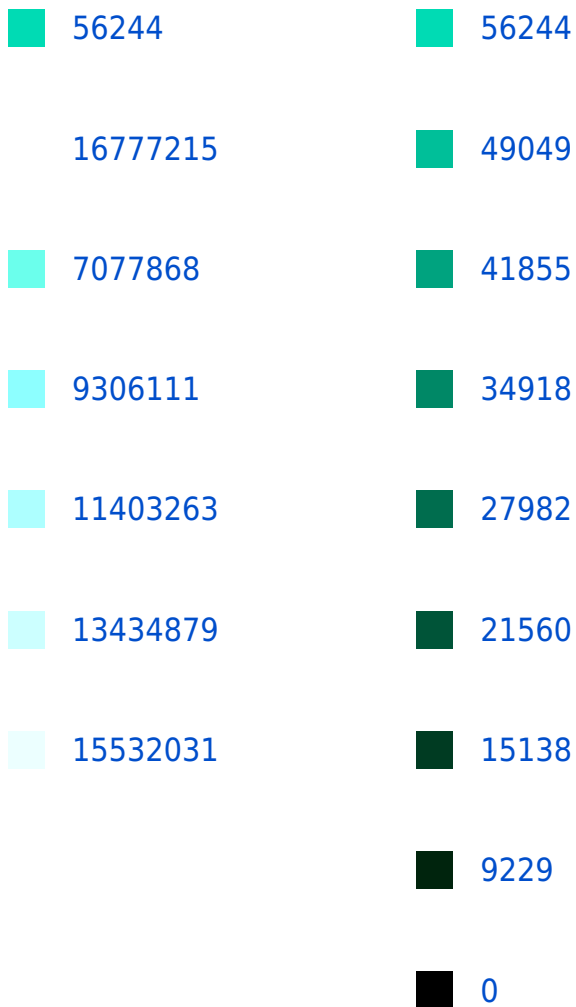


- Cyan (100%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56244 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 56244 by changing the saturation by 10% instead.



56244

■ 1498040

■ 2939836

■ 4381632

■ 5823428

■ 7265224

■ 8641483

■ 10083279

■ 11525075

■ 12966871

Harmonies

Analogous

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



8312451



56244



56296

Triad

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



56244



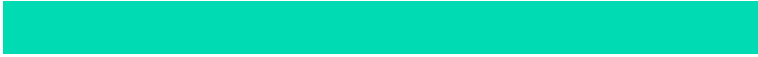
11778815



16755059

Complementary

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



56244



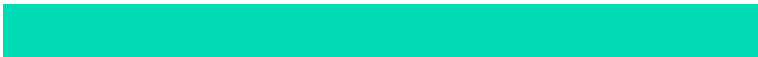
14352423

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.



16751518



56244



16099071

Square

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



56244



4770815



16751056



15448924

Rectangle

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



56244



55807



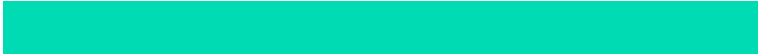
16751056



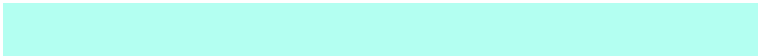
16753536

Sweetspot

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



56244



11796465



2677504



5406839



0



8421504

Same Dimension

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



56244



65490



38619



6516332



44431



11814

Inverse Universe

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



14352423



16711725



14370048



7234405



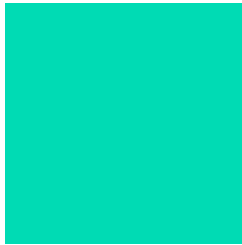
11337759



3014664

Previews

White Background



This preview shows how the Decimal color 56244 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 56244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

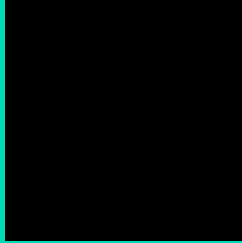
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

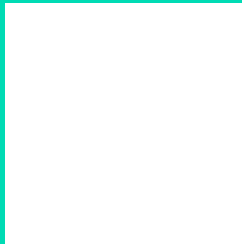
Any Text WCAG AAA ✓ Pass

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

Decimal 56244 Background



This preview shows how black text looks on a background with the Decimal color 56244.



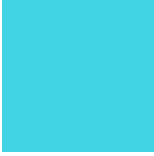
This preview shows how white text looks on a background with the Decimal color 56244.

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](#).

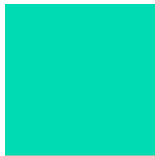
Dichromacy





Tritanopia
4248805

Trichromacy



Original Color

56244



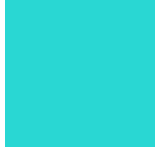
Protanomaly

8506027



Deuteranomaly

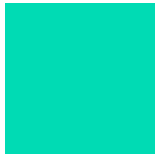
8963768



Tritanomaly

2742227

Monochromacy



Original Color

56244



Achromatopsia

9803157



Achromatomaly

6270624

CSS Examples

Text

The CSS property to change the color of the text to Decimal 56244 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 #00DBB4 looks like.

```
.text, #text, p{  
    color:#00DBB4  
}
```

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 #00DBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DBB4
}
```

Border

The CSS property to change the border of an element to Decimal 56244 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
#00DBB4 }
```

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

```
.border{ border-color:#00DBB4 }
```

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

Here you see how a box with a 4 pixel #00DBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DBB4; -webkit-box-shadow:4px 4px  
4px 4px #00DBB4; box-shadow:4px 4px 4px  
4px #00DBB4 }
```

Background

The CSS property to change the background color of an element to Decimal 56244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DBB4 }
```

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

```
.background{ background-color:#00DBB4 }
```

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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