

Converting Colors

Decimal(249014)

Have a look what the booklet for
Decimal(249014) contains.

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Color

Decimal(249014)

Conversions

Conversions Part 1

Format	Color
Hex	03CCB6
RGB	3, 204, 182
RGB Percent	1%, 80%, 71%
CMY	0.9882, 0.2000, 0.2863
CMYK	0.99, 0.00, 0.11, 0.20
HSL	173°, 97%, 41%
HSV	173°, 99%, 80%
XYZ	30.0739, 46.5825, 51.6622
YIQ	141.3930, -112.7340, -49.4540

Conversions

Conversions Part 2

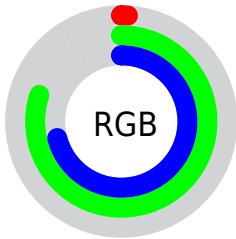
Format	Color
RYB	3, 109, 204
Decimal	249014
CIELab	73.92, -46.88, -0.95
CIELCh	74, 46.892, 181.165
Yxy	46.5825, 0.2344, 0.3630
Android (android.graphics.Color)	4278439094 (0xFF03CCB6)
YUV	141.3930, 20.0193, -121.3707
Hunter-Lab	68.2514, -40.7866, 2.8969

Details

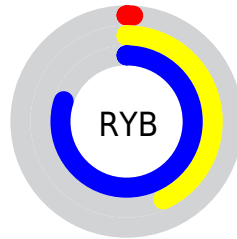
The Decimal color **249014** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **13370137**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **6946798**, and **38273** is the 20% darker color. If you saturate the color by 10%, you get **52406**, and if you desaturate by 10%, it is **1559736**.

Distribution



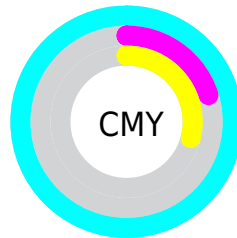
- Red (1%)
- Green (80%)
- Blue (71%)



- Red (1%)
- Yellow (43%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)




- Cyan (99%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 249014 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 249014 by changing the saturation by 10% instead.

 249014  249014

16777215  45211

 6946798  38273

 9043967  31336

 11141119  24656

 13172735  18489

 15204351  12324

 5903

 0

 249014  249014

■ 52406

■ 1559736

■ 2935994

■ 4246717

■ 5622975

■ 6933697

■ 8244419

■ 9620678

■ 10931400

■ 12307658

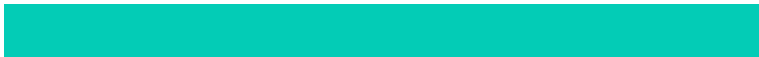
Harmonies

Analogous

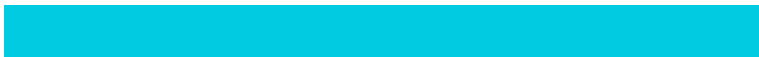
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7194763



249014



52193

Triad

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



249014



12364543



15901803

Complementary

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



249014



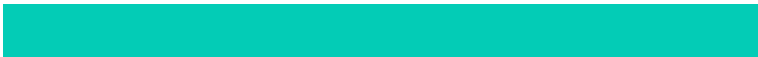
13370137

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.



16750475



249014



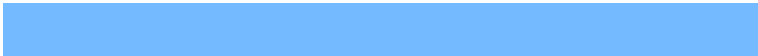
15571680

Square

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



249014



7584511



16749494



13612126

Rectangle

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



249014



51448



16749494



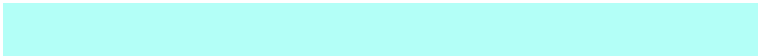
16424820

Sweetspot

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



249014



11796471



1756163



5406842



0



8421504

Same Dimension

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



249014



65507



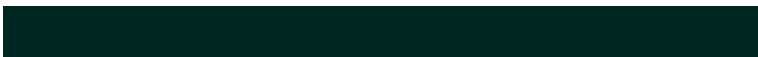
229324



605525



42644



9762

Inverse Universe

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



13370137



16711708



13389827



6708317



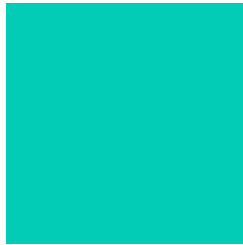
10878994



2490372

Previews

White Background



This preview shows how the Decimal color 249014 looks on a white background.

Color Contrast Check

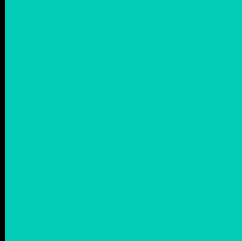
Large Text (above 18pt) WCAG AA × Fail

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 249014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

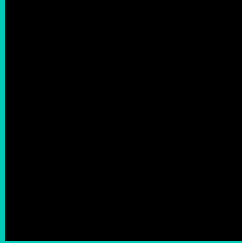
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

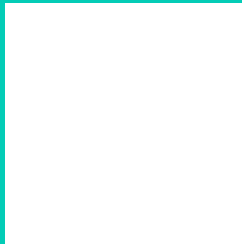
Any Text WCAG AAA ✓ Pass

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

Decimal 249014 Background



This preview shows how black text looks on a background with the Decimal color 249014.

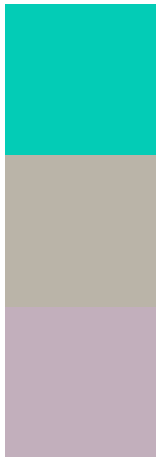


This preview shows how white text looks on a background with the Decimal color 249014.

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](#).

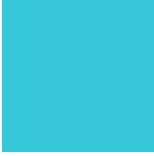
Dichromacy



Original Color
249014

Protanopia
12235944

Deuteranopia
12758972



Tritanopia
3524567

Trichromacy



Original Color
249014



Protanomaly
7847341

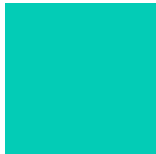


Deuteranomaly
8239802



Tritanomaly
2345419

Monochromacy



Original Color
249014



Achromatopsia
9276813



Achromatomaly
6005916

CSS Examples

Text

The CSS property to change the color of the text to Decimal 249014 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 #03CCB6 looks like.

```
.text, #text, p{  
    color:#03CCB6  
}
```

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 #03CCB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03CCB6
}
```

Border

The CSS property to change the border of an element to Decimal 249014 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
#03CCB6 }
```

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

```
.border{ border-color:#03CCB6 }
```

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

Here you see how a box with a 4 pixel #03CCB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03CCB6; -webkit-box-shadow:4px 4px  
4px 4px #03CCB6; box-shadow:4px 4px 4px  
4px #03CCB6 }
```

Background

The CSS property to change the background color of an element to Decimal 249014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03CCB6 }
```

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

```
.background{ background-color:#03CCB6 }
```

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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