

Converting Colors

Decimal(52174)

Have a look what the booklet for
Decimal(52174) contains.

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Color

Decimal(52174)

Conversions

Conversions Part 1

Format	Color
Hex	00CBCE
RGB	0, 203, 206
RGB Percent	0%, 80%, 81%
CMY	1.0000, 0.2039, 0.1922
CMYK	1.00, 0.01, 0.00, 0.19
HSL	181°, 100%, 40%
HSV	181°, 100%, 81%
XYZ	32.4965, 47.1681, 65.7841
YIQ	142.6450, -121.9510, -42.1030

Conversions

Conversions Part 2

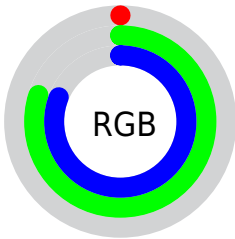
Format	Color
RYB	0, 102, 206
Decimal	52174
CIELab	74.30, -39.59, -13.39
CIELCh	74, 41.791, 198.690
Yxy	47.1681, 0.2234, 0.3243
Android (android.graphics.Color)	4278242254 (0xFF00CBCE)
YUV	142.6450, 31.2340, -125.0997
Hunter-Lab	68.6790, -35.7284, -8.7155

Details

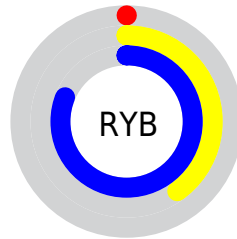
The Decimal color **52174** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13501184**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **7077887**, and **38040** is the 20% darker color. If you saturate the color by 10%, you get **52174**, and if you desaturate by 10%, it is **1428430**.

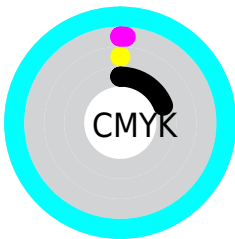
Distribution



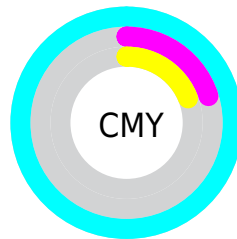
- Red (0%)
- Green (80%)
- Blue (81%)



- Red (0%)
- Yellow (40%)
- Blue (81%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52174 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 52174 by changing the saturation by 10% instead.



■ 52174

■ 1428430

■ 2739406

■ 4115662

■ 5426382

■ 6802638

■ 8179150

■ 9489870

■ 10866126

■ 12177102

Harmonies

Analogous

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



5819046



52174



51183

Triad

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



52174



14263530



14462827

Complementary

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



52174



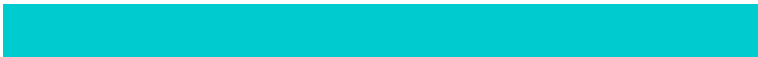
1350184

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.



16228991



52174



16292551

Square

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



52174



10859263



16751008



12106860

Rectangle

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



52174



4768509



16751008



15182704

Sweetspot

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



52174



11796223



52736



5406592



0



8421504

Same Dimension

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



52174



64511



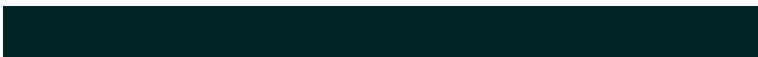
26574



605526



41894



9766

Inverse Universe

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



13500619



16711931



13526784



6708326



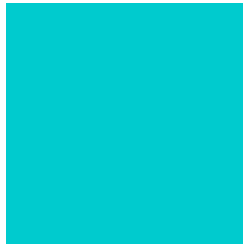
10879139



2490406

Previews

White Background



This preview shows how the Decimal color 52174 looks on a white background.

Color Contrast Check

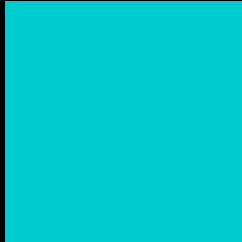
Large Text (above 18pt) WCAG AA × Fail

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 52174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

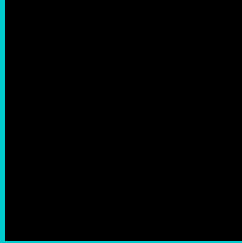
Any Text WCAG AA ✓ Pass

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 52174 Background



This preview shows how black text looks on a background with the Decimal color 52174.

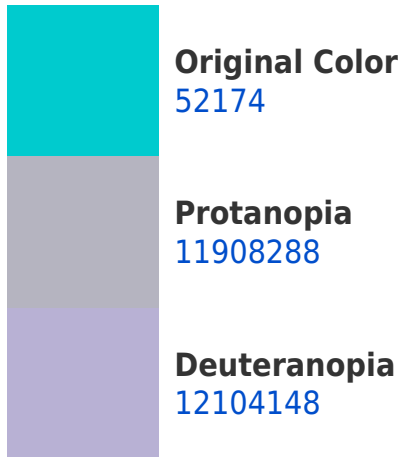


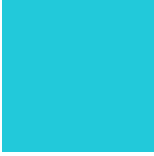
This preview shows how white text looks on a background with the Decimal color 52174.

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



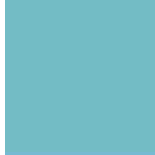


Tritanopia
2279898

Trichromacy



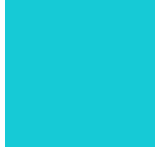
Original Color
52174



Protanomaly
7584965



Deuteranomaly
7715538



Tritanomaly
1493718

Monochromacy



Original Color
52174



Achromatopsia
9408399



Achromatomaly
6006182

CSS Examples

Text

The CSS property to change the color of the text to Decimal 52174 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 #00CBCE looks like.

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

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 #00CBCE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 52174 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
#00CBCE }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 52174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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