

Converting Colors

Decimal(52161)

Have a look what the booklet for
Decimal(52161) contains.

Decimal(52161)	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(52161)

Conversions

Conversions Part 1

Format	Color
Hex	00CBC1
RGB	0, 203, 193
RGB Percent	0%, 80%, 76%
CMY	1.0000, 0.2039, 0.2431
CMYK	1.00, 0.00, 0.05, 0.20
HSL	177°, 100%, 40%
HSV	177°, 100%, 80%
XYZ	30.9816, 46.5621, 57.8066
YIQ	141.1630, -117.7780, -46.1460

Conversions

Conversions Part 2

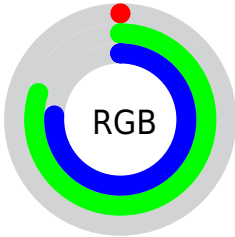
Format	Color
RYB	0, 104, 203
Decimal	52161
CIELab	73.91, -43.43, -6.93
CIELCh	74, 43.982, 189.066
Yxy	46.5621, 0.2289, 0.3440
Android (android.graphics.Color)	4278242241 (0xFF00CBC1)
YUV	141.1630, 25.5556, -123.8000
Hunter-Lab	68.2364, -38.3690, -2.4621

Details

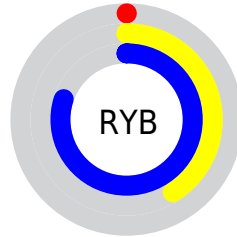
The Decimal color **52161** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13303818**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **6946809**, and **38028** is the 20% darker color. If you saturate the color by 10%, you get **52161**, and if you desaturate by 10%, it is **1362882**.

Distribution



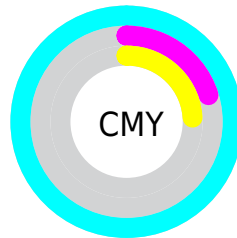
- Red (0%)
- Green (80%)
- Blue (76%)



- Red (0%)
- Yellow (41%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52161 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 52161 by changing the saturation by 10% instead.



52161

■ 1362882

■ 2739139

■ 4049860

■ 5360581

■ 6736838

■ 8047559

■ 9358280

■ 10669001

■ 12045258

Harmonies

Analogous

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



6539671



52161



51687

Triad

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



52161



13281269



15182186

Complementary

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



52161



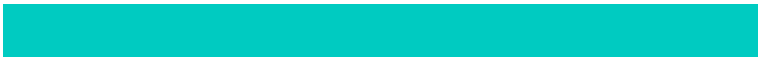
13303818

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.



16686213



52161



15899347

Square

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



52161



9287423



16749995



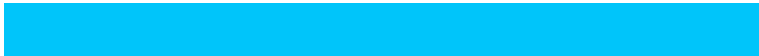
12826468

Rectangle

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



52161



50682



16749995



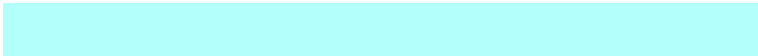
15770993

Sweetspot

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



52161



11796475



707328



5406845



0



8421504

Same Dimension

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



52161



65522



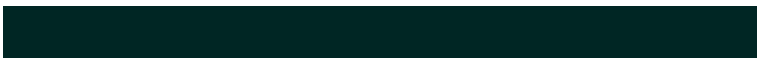
28875



605525



42654



9764

Inverse Universe

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



13303818



16711693



13327104



6708316



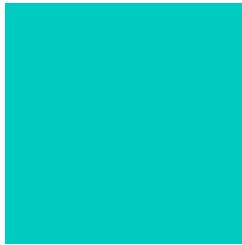
10878984



2490370

Previews

White Background



This preview shows how the Decimal color 52161 looks on a white background.

Color Contrast Check

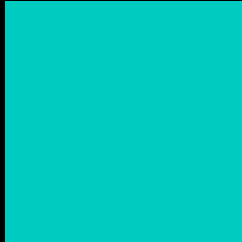
Large Text (above 18pt) WCAG AA × Fail

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 52161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

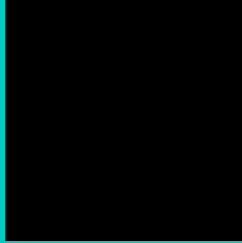
Any Text WCAG AA ✓ Pass

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 52161 Background



This preview shows how black text looks on a background with the Decimal color 52161.



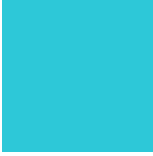
This preview shows how white text looks on a background with the Decimal color 52161.

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
3000536

Trichromacy



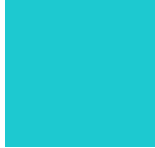
Original Color
52161



Protanomaly
7716024



Deuteranomaly
7911877



Tritanomaly
1952208

Monochromacy



Original Color
52161



Achromatopsia
9276813



Achromatomaly
5940384

CSS Examples

Text

The CSS property to change the color of the text to Decimal 52161 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 #00CBC1 looks like.

```
.text, #text, p{  
    color:#00CBC1  
}
```

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 #00CBC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CBC1
}
```

Border

The CSS property to change the border of an element to Decimal 52161 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
#00CBC1 }
```

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

```
.border{ border-color:#00CBC1 }
```

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

Here you see how a box with a 4 pixel #00CBC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CBC1; -webkit-box-shadow:4px 4px  
4px 4px #00CBC1; box-shadow:4px 4px 4px  
4px #00CBC1 }
```

Background

The CSS property to change the background color of an element to Decimal 52161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CBC1 }
```

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

```
.background{ background-color:#00CBC1 }
```

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