

Converting Colors

Decimal(47281)

Have a look what the booklet for
Decimal(47281) contains.

Decimal(47281)	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(47281)

Conversions

Conversions Part 1

Format	Color
Hex	00B8B1
RGB	0, 184, 177
RGB Percent	0%, 72%, 69%
CMY	1.0000, 0.2784, 0.3059
CMYK	1.00, 0.00, 0.04, 0.28
HSL	178°, 100%, 36%
HSV	178°, 100%, 72%
XYZ	25.0763, 37.4553, 47.5029
YIQ	128.1860, -107.4170, -41.1850

Conversions

Conversions Part 2

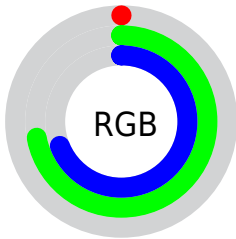
Format	Color
RYB	0, 94, 184
Decimal	47281
CIELab	67.62, -39.73, -7.52
CIElCh	68, 40.440, 190.717
Yxy	37.4553, 0.2279, 0.3404
Android (android.graphics.Color)	4278237361 (0xFF00B8B1)
YUV	128.1860, 24.0653, -112.4191
Hunter-Lab	61.2007, -33.9630, -3.1793

Details

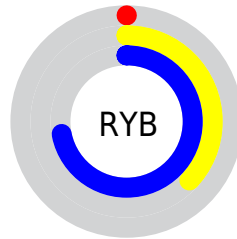
The Decimal color **47281** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **12058631**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **6615529**, and **33405** is the 20% darker color. If you saturate the color by 10%, you get **47281**, and if you desaturate by 10%, it is **1226930**.

Distribution



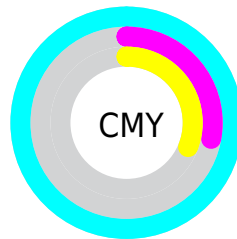
- Red (0%)
- Green (72%)
- Blue (69%)



- Red (0%)
- Yellow (37%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



















- Cyan (100%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47281 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 47281 by changing the saturation by 10% instead.

 47281	 47281
 16777215	 40342
 6615529	 33405
 8716287	 26724
 10747903	 20300
 12713983	 14133
 14745599	 8992
	 8
	 0

 47281

■ 1226930

■ 2472114

■ 3651763

■ 4896948

■ 6076596

■ 7256245

■ 8501430

■ 9681079

■ 10926263

Harmonies

Analogous

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



5813899



47281



46803

Triad

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



47281



12162780



13671008

Complementary

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



47281



12058631

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.



15044215



47281



14519230

Square

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



47281



8692972



15435929



11511644

Rectangle

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



47281



1225443



15435929



14259814

Sweetspot

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



47281



11071725



636928



5077110



16250871



7895160

Same Dimension

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



47281



61671



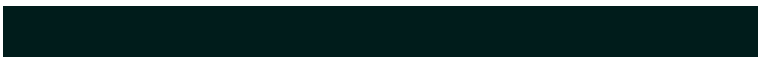
26040



5463131



40086



7195

Inverse Universe

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



12058631



15728649



12079872



6050643



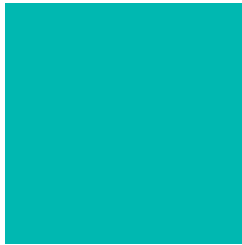
10223622



1835009

Previews

White Background



This preview shows how the Decimal color 47281 looks on a white background.

Color Contrast Check

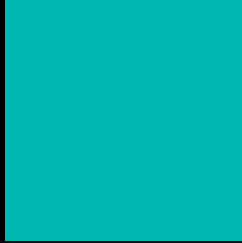
Large Text (above 18pt) WCAG AA × Fail

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 47281 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

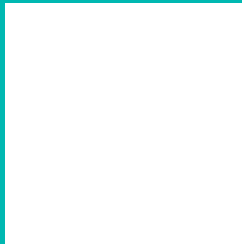
Any Text WCAG AAA ✓ Pass

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

Decimal 47281 Background



This preview shows how black text looks on a background with the Decimal color 47281.

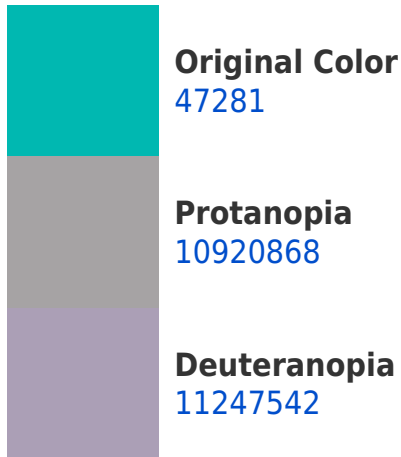


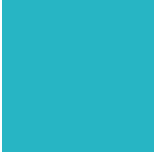
This preview shows how white text looks on a background with the Decimal color 47281.

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](#).

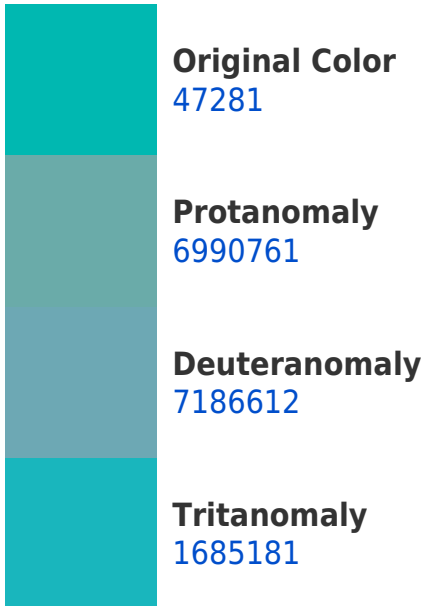
Dichromacy





Tritanopia
2602436

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47281 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 #00B8B1 looks like.

```
.text, #text, p{  
    color:#00B8B1  
}
```

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 #00B8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B8B1
}
```

Border

The CSS property to change the border of an element to Decimal 47281 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
#00B8B1 }
```

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

```
.border{ border-color:#00B8B1 }
```

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

Here you see how a box with a 4 pixel #00B8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B8B1; -webkit-box-shadow:4px 4px  
4px 4px #00B8B1; box-shadow:4px 4px 4px  
4px #00B8B1 }
```

Background

The CSS property to change the background color of an element to Decimal 47281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B8B1 }
```

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

```
.background{ background-color:#00B8B1 }
```

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