

Converting Colors

Decimal(47275)

Have a look what the booklet for
Decimal(47275) contains.

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Color

Decimal(47275)

Conversions

Conversions Part 1

Format	Color
Hex	00B8AB
RGB	0, 184, 171
RGB Percent	0%, 72%, 67%
CMY	1.0000, 0.2784, 0.3294
CMYK	1.00, 0.00, 0.07, 0.28
HSL	176°, 100%, 36%
HSV	176°, 100%, 72%
XYZ	24.4912, 37.2213, 44.4217
YIQ	127.5020, -105.4910, -43.0510

Conversions

Conversions Part 2

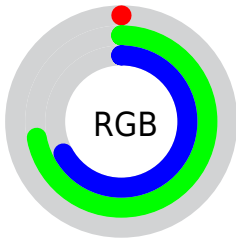
Format	Color
RYB	0, 95, 184
Decimal	47275
CIELab	67.44, -41.50, -4.47
CIELCh	67, 41.736, 186.145
Yxy	37.2213, 0.2308, 0.3507
Android (android.graphics.Color)	4278237355 (0xFF00B8AB)
YUV	127.5020, 21.4445, -111.8193
Hunter-Lab	61.0092, -35.1102, -0.4634

Details

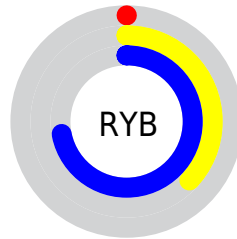
The Decimal color **47275** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **12058637**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **6549986**, and **33399** is the 20% darker color. If you saturate the color by 10%, you get **47275**, and if you desaturate by 10%, it is **1226924**.

Distribution



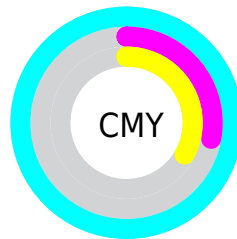
- Red (0%)
- Green (72%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47275 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 47275 by changing the saturation by 10% instead.

 47275	 47275
 16777215	 40337
 6549986	 33399
 8650751	 26718
 10682367	 20295
 12648447	 14128
 14680063	 8732
 16711679	 0

 47275

 1226924

■ 2472110

■ 3651759

■ 4896944

■ 6076594

■ 7256243

■ 8501428

■ 9681077

■ 10926263

Harmonies

Analogous

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



6076037



47275



46799

Triad

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



47275



11704545



13997920

Complementary

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



47275



12058637

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.



15305594



47275



14322627

Square

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



47275



7841263



15500958



11904344

Rectangle

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



47275



46050



15500958



14521191

Sweetspot

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



47275



11071723



1030144



5077109



16250871



7895160

Same Dimension

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



47275



61663



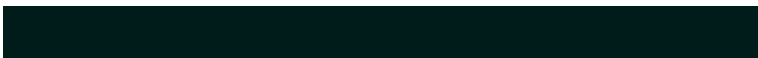
27576



5463131



40081



7194

Inverse Universe

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



12058637



15728657



12078336



6050643



10223627



1835010

Previews

White Background



This preview shows how the Decimal color 47275 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 47275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

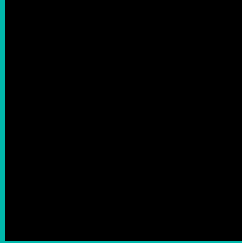
Any Text WCAG AA ✓ Pass

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 47275 Background



This preview shows how black text looks on a background with the Decimal color 47275.

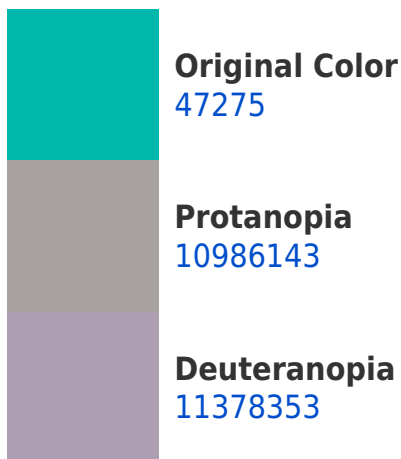


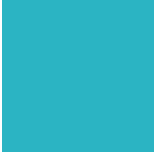
This preview shows how white text looks on a background with the Decimal color 47275.

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
2864323

Trichromacy



Original Color
47275



Protanomaly
6990499



Deuteranomaly
7251887



Tritanomaly
1815994

Monochromacy



Original Color
47275



Achromatopsia
8421504



Achromatomaly
5346448

CSS Examples

Text

The CSS property to change the color of the text to Decimal 47275 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 #00B8AB looks like.

```
.text, #text, p{  
    color:#00B8AB  
}
```

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 #00B8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B8AB
}
```

Border

The CSS property to change the border of an element to Decimal 47275 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
#00B8AB }
```

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

```
.border{ border-color:#00B8AB }
```

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

Here you see how a box with a 4 pixel #00B8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B8AB; -webkit-box-shadow:4px 4px  
4px 4px #00B8AB; box-shadow:4px 4px 4px  
4px #00B8AB }
```

Background

The CSS property to change the background color of an element to Decimal 47275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B8AB }
```

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

```
.background{ background-color:#00B8AB }
```

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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