

Converting Colors

Decimal(48832)

Have a look what the booklet for
Decimal(48832) contains.

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Color

Decimal(48832)

Conversions

Conversions Part 1

Format	Color
Hex	00BEC0
RGB	0, 190, 192
RGB Percent	0%, 75%, 75%
CMY	1.0000, 0.2549, 0.2471
CMYK	1.00, 0.01, 0.00, 0.25
HSL	181°, 100%, 38%
HSV	181°, 100%, 75%
XYZ	27.9279, 40.6327, 56.2401
YIQ	133.4180, -113.8820, -39.6580

Conversions

Conversions Part 2

Format	Color
RYB	0, 95, 192
Decimal	48832
CIELab	69.92, -37.93, -12.34
CIELCh	70, 39.884, 198.016
Yxy	40.6327, 0.2238, 0.3256
Android (android.graphics.Color)	4278238912 (0xFF00BEC0)
YUV	133.4180, 28.8809, -117.0076
Hunter-Lab	63.7438, -33.3459, -7.6900

Details

The Decimal color **48832** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **12583424**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **6813688**, and **34955** is the 20% darker color. If you saturate the color by 10%, you get **48832**, and if you desaturate by 10%, it is **1294016**.

Distribution



- Red (0%)
- Green (75%)
- Blue (75%)



- Red (0%)
- Yellow (37%)
- Blue (75%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)

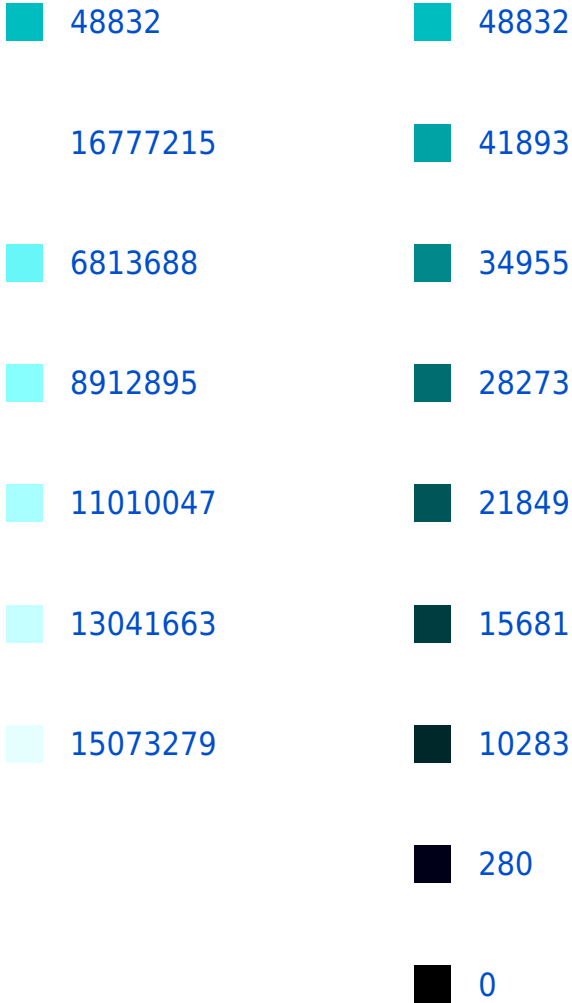


- Cyan (100%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48832 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 48832 by changing the saturation by 10% instead.



 48832

■ 1294016

■ 2539200

■ 3850176

■ 5095360

■ 6340544

■ 7585728

■ 8830912

■ 10141888

■ 11387072

Harmonies

Analogous

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



5488027



48832



48096

Triad

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



48832



13277916



13608036

Complementary

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



48832



12583424

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.



15243127



48832



15241403

Square

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



48832



10070000



15830934



11317349

Rectangle

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



48832



4241133



15830934



14262120

Sweetspot

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



48832



11532794



49152



5274749



16579836



8224125

Same Dimension

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



48832



63482



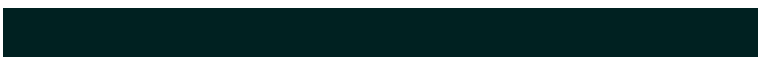
24768



5726561



40865



8481

Inverse Universe

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



12583102



16384247



12607488



6379361



10551455



2162721

Previews

White Background



This preview shows how the Decimal color 48832 looks on a white background.

Color Contrast Check

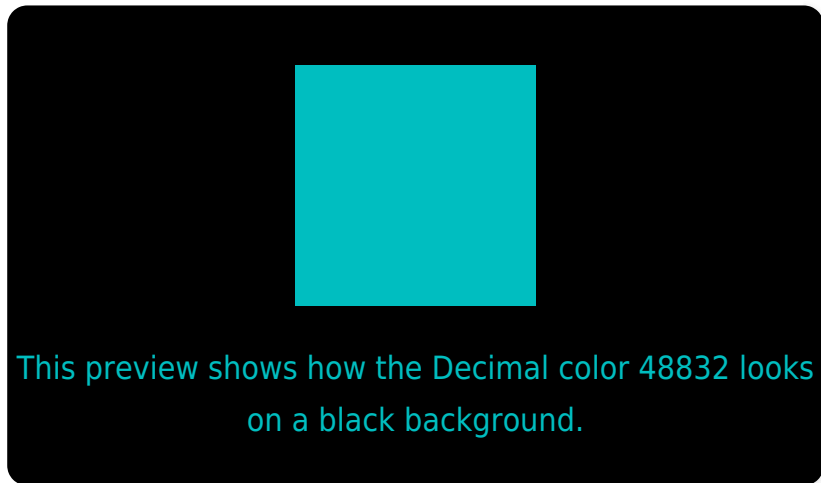
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

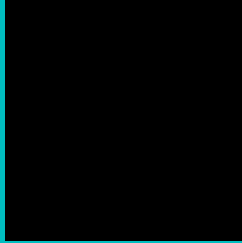
Any Text WCAG AA ✓ Pass

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 48832 Background



This preview shows how black text looks on a background with the Decimal color 48832.

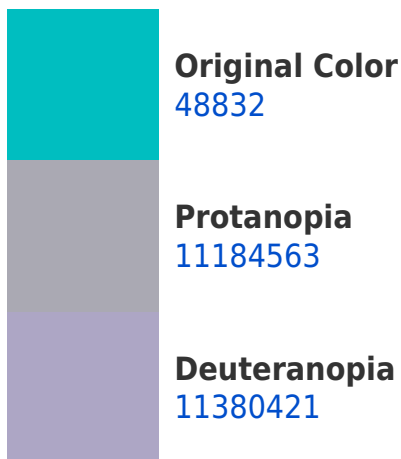


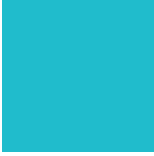
This preview shows how white text looks on a background with the Decimal color 48832.

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



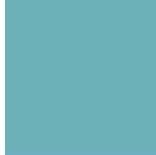


Tritanopia
2145484

Trichromacy



Original Color
48832



Protanomaly
7123384



Deuteranomaly
7253955



Tritanomaly
1359304

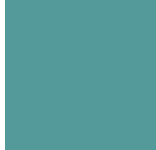
Monochromacy



Original Color
48832



Achromatopsia
8750469



Achromatomaly
5610138

CSS Examples

Text

The CSS property to change the color of the text to Decimal 48832 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 #00BEC0 looks like.

```
.text, #text, p{  
    color:#00BEC0  
}
```

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 #00BEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BEC0
}
```

Border

The CSS property to change the border of an element to Decimal 48832 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
#00BEC0 }
```

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

```
.border{ border-color:#00BEC0 }
```

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

Here you see how a box with a 4 pixel #00BEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BEC0; -webkit-box-shadow:4px 4px  
4px 4px #00BEC0; box-shadow:4px 4px 4px  
4px #00BEC0 }
```

Background

The CSS property to change the background color of an element to Decimal 48832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BEC0 }
```

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

```
.background{ background-color:#00BEC0 }
```

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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