

Converting Colors

Decimal(48595)

Have a look what the booklet for
Decimal(48595) contains.

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Color

Decimal(48595)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00BDD3 |
| RGB | 0, 189, 211 |
| RGB Percent | 0%, 74%, 83% |
| CMY | 1.0000, 0.2588, 0.1725 |
| CMYK | 1.00, 0.10, 0.00, 0.17 |
| HSL | 186°, 100%, 41% |
| HSV | 186°, 100%, 83% |
| XYZ | 29.9555, 41.0983, 67.9820 |
| YIQ | 134.9970, -119.7060, -33.2260 |

Conversions

Conversions Part 2

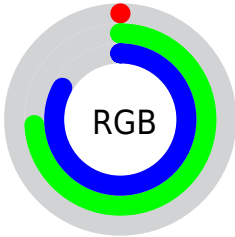
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 100, 211 |
| Decimal | 48595 |
| CIELab | 70.24, -31.48, -22.24 |
| CIELCh | 70, 38.545, 215.241 |
| Yxy | 41.0983, 0.2155, 0.2956 |
| Android (android.graphics.Color) | 4278238675 (0xFF00BDD3) |
| YUV | 134.9970, 37.4695, -118.3924 |
| Hunter-Lab | 64.1080, -28.7820, -17.9972 |

Details

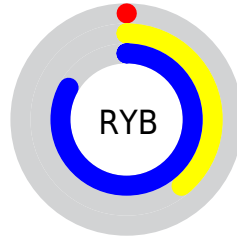
The Decimal color **48595** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **13833728**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6944511**, and **34716** is the 20% darker color. If you saturate the color by 10%, you get **48595**, and if you desaturate by 10%, it is **1425363**.

Distribution



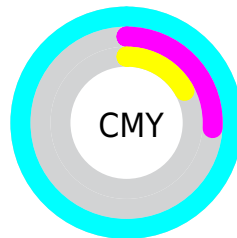
- Red (0%)
- Green (74%)
- Blue (83%)



- Red (0%)
- Yellow (39%)
- Blue (83%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48595 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 48595 by changing the saturation by 10% instead.



■ 48595

■ 1425363

■ 2802131

■ 4179155

■ 5555923

■ 6998227

■ 8374995

■ 9751763

■ 11128787

■ 12505555

Harmonies

Analogous

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



3849905



48595



4437995

Triad

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



48595



14521802



12430437

Complementary

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



48595



13833728

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.



14393453



48595



15700135

Square

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



48595



12099813



15570309



9942641

Rectangle

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



48595



7254513



15570309



13150309

Sweetspot

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



48595



11794431



54037



5405568



0



8421504

Same Dimension

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



48595



58623



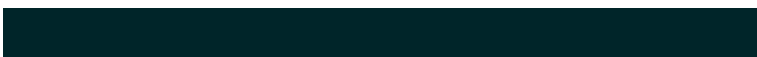
21715



6186857



38824



9513

Inverse Universe

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



13828285



16711908



13860608



6905447



11010199



2687013

Previews

White Background



This preview shows how the Decimal color 48595 looks on a white background.

Color Contrast Check

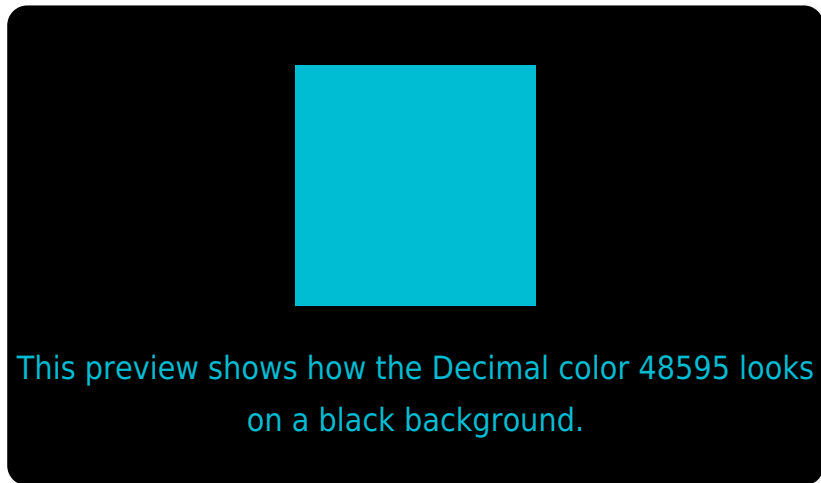
Large Text (above 18pt) WCAG AA × Fail

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

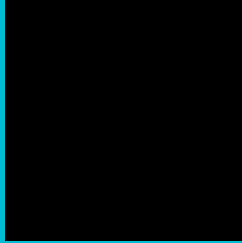
Any Text WCAG AA ✓ Pass

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 48595 Background



This preview shows how black text looks on a background with the Decimal color 48595.

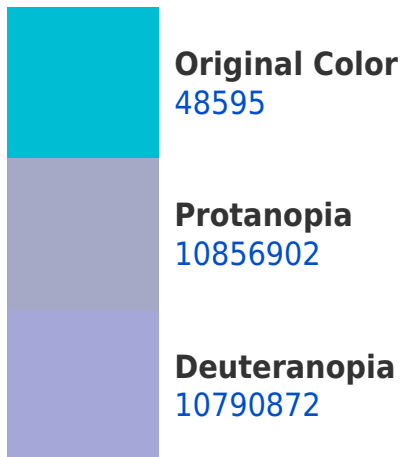


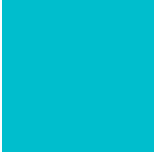
This preview shows how white text looks on a background with the Decimal color 48595.

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



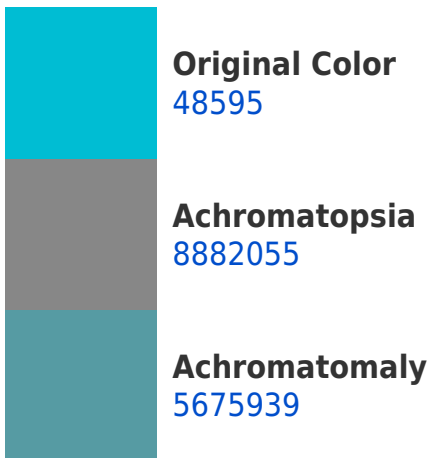


Tritanopia
48845

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 48595 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 #00BDD3 looks like.

```
.text, #text, p{  
    color:#00BDD3  
}
```

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 #00BDD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BDD3
}
```

Border

The CSS property to change the border of an element to Decimal 48595 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
#00BDD3 }
```

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

```
.border{ border-color:#00BDD3 }
```

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

Here you see how a box with a 4 pixel #00BDD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BDD3; -webkit-box-shadow:4px 4px  
4px 4px #00BDD3; box-shadow:4px 4px 4px  
4px #00BDD3 }
```

Background

The CSS property to change the background color of an element to Decimal 48595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BDD3 }
```

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

```
.background{ background-color:#00BDD3 }
```

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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