

Converting Colors

Decimal(48862)

Have a look what the booklet for
Decimal(48862) contains.

Decimal(48862)	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(48862)

Conversions

Conversions Part 1

Format	Color
Hex	00BEDE
RGB	0, 190, 222
RGB Percent	0%, 75%, 87%
CMY	1.0000, 0.2549, 0.1294
CMYK	1.00, 0.14, 0.00, 0.13
HSL	189°, 100%, 44%
HSV	189°, 100%, 87%
XYZ	31.5983, 42.1008, 75.5681
YIQ	136.8380, -123.5120, -30.3280

Conversions

Conversions Part 2

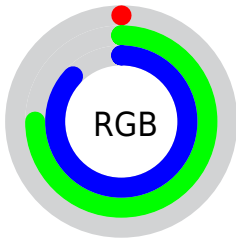
Format	Color
R _{YB}	0, 102, 222
Decimal	48862
CIE Lab	70.94, -28.37, -27.18
CIE LCh	71, 39.286, 223.771
Yxy	42.1008, 0.2117, 0.2821
Android (android.graphics.Color)	4278238942 (0xFF00BEDE)
YUV	136.8380, 41.9849, -120.0069
Hunter-Lab	64.8852, -26.6217, -23.6321

Details

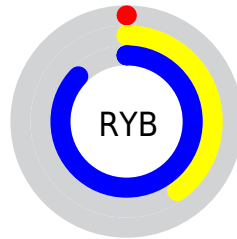
The Decimal color **48862** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14557184**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7075839**, and **34983** is the 20% darker color. If you saturate the color by 10%, you get **48862**, and if you desaturate by 10%, it is **1491422**.

Distribution



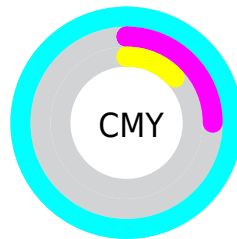
- Red (0%)
- Green (75%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)

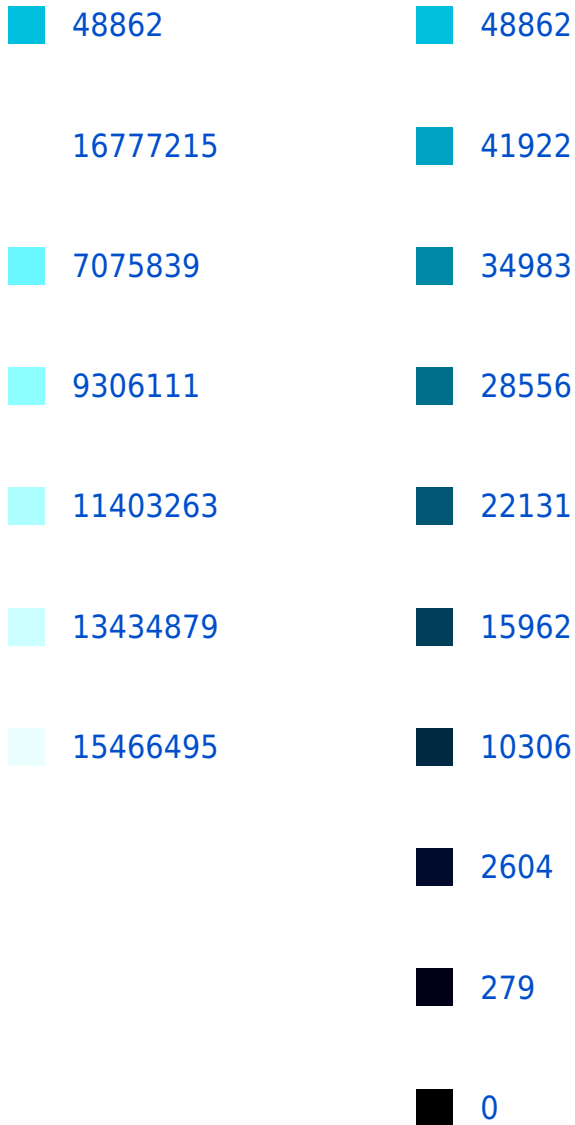


- Cyan (100%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48862 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 48862 by changing the saturation by 10% instead.



■ 48862

■ 1491422

■ 2933982

■ 4442334

■ 5884894

■ 7327454

■ 8770014

■ 10212574

■ 11720926

■ 13163486

Harmonies

Analogous

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



2474429



48862



5617650

Triad

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



48862



15176899



11907431

Complementary

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



48862



14557184

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.



14067049



48862



15962782

Square

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



48862



13082337



15505790



9288313

Rectangle

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



48862



8499445



15505790



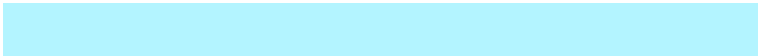
12692837

Sweetspot

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



48862



11793663



56862



5405056



0



8421504

Same Dimension

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



48862



56063



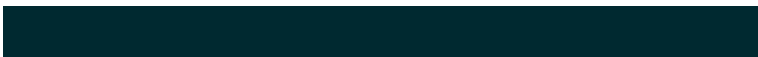
20958



6647664



38832



10544

Inverse Universe

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



14549182



16711898



14585088



7365999



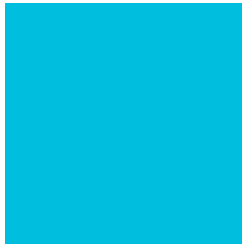
11534487



3145769

Previews

White Background



This preview shows how the Decimal color 48862 looks on a white background.

Color Contrast Check

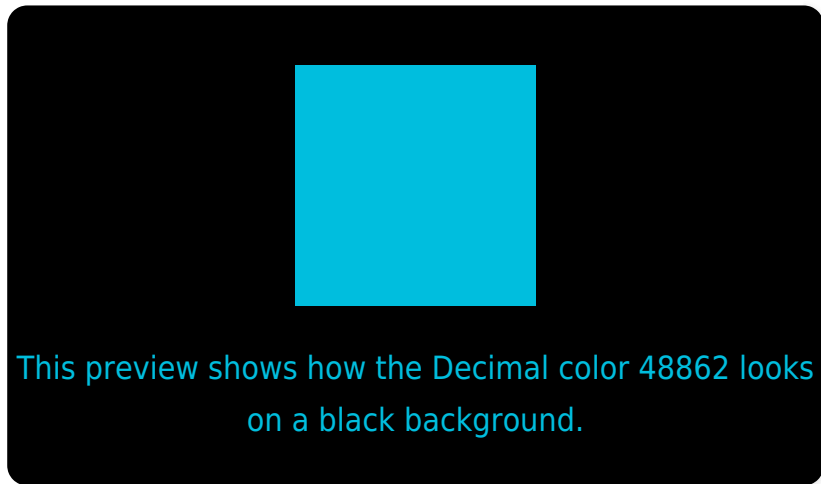
Large Text (above 18pt) WCAG AA × Fail

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

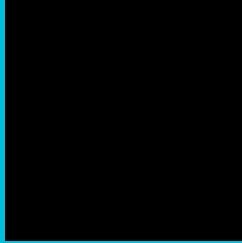
Any Text WCAG AA ✓ Pass

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 48862 Background



This preview shows how black text looks on a background with the Decimal color 48862.



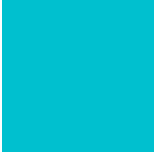
This preview shows how white text looks on a background with the Decimal color 48862.

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](#).

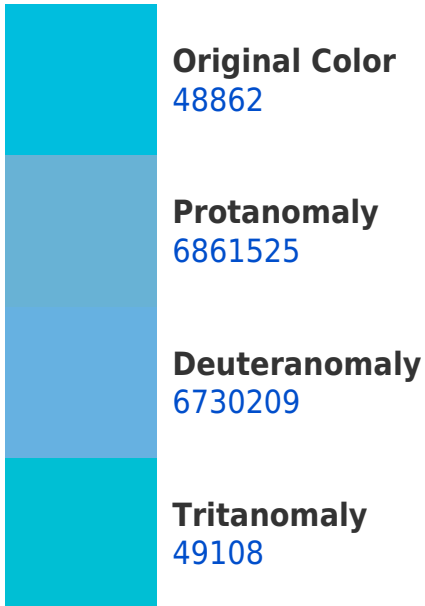
Dichromacy



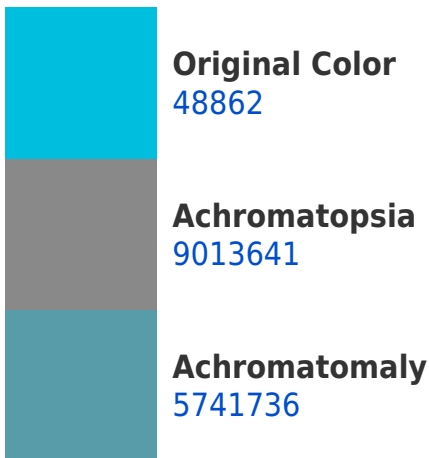


Tritanopia
49359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 48862 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 #00BEDE looks like.

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

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 #00BEDE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 48862 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
#00BEDE }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 48862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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