

Converting Colors

Decimal(50658)

Have a look what the booklet for
Decimal(50658) contains.

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Color

Decimal(50658)

Conversions

Conversions Part 1

Format	Color
Hex	00C5E2
RGB	0, 197, 226
RGB Percent	0%, 77%, 89%
CMY	1.0000, 0.2275, 0.1137
CMYK	1.00, 0.13, 0.00, 0.11
HSL	188°, 100%, 44%
HSV	188°, 100%, 89%
XYZ	33.6937, 45.4235, 78.9433
YIQ	141.4030, -126.7210, -32.7450

Conversions

Conversions Part 2

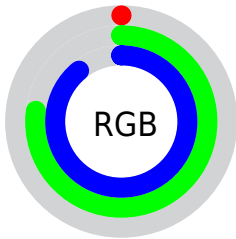
Format	Color
RYB	0, 105, 226
Decimal	50658
CIELab	73.17, -30.49, -25.93
CIELCh	73, 40.023, 220.385
Yxy	45.4235, 0.2132, 0.2874
Android (android.graphics.Color)	4278240738 (0xFF00C5E2)
YUV	141.4030, 41.7063, -124.0104
Hunter-Lab	67.3970, -28.7073, -22.2696

Details

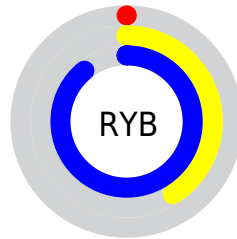
The Decimal color **50658** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **14818560**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **7208703**, and **36779** is the 20% darker color. If you saturate the color by 10%, you get **50658**, and if you desaturate by 10%, it is **1558754**.

Distribution



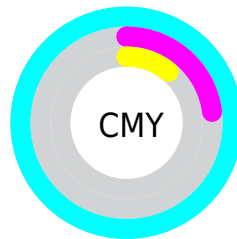
- Red (0%)
- Green (77%)
- Blue (89%)



- Red (0%)
- Yellow (41%)
- Blue (89%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)

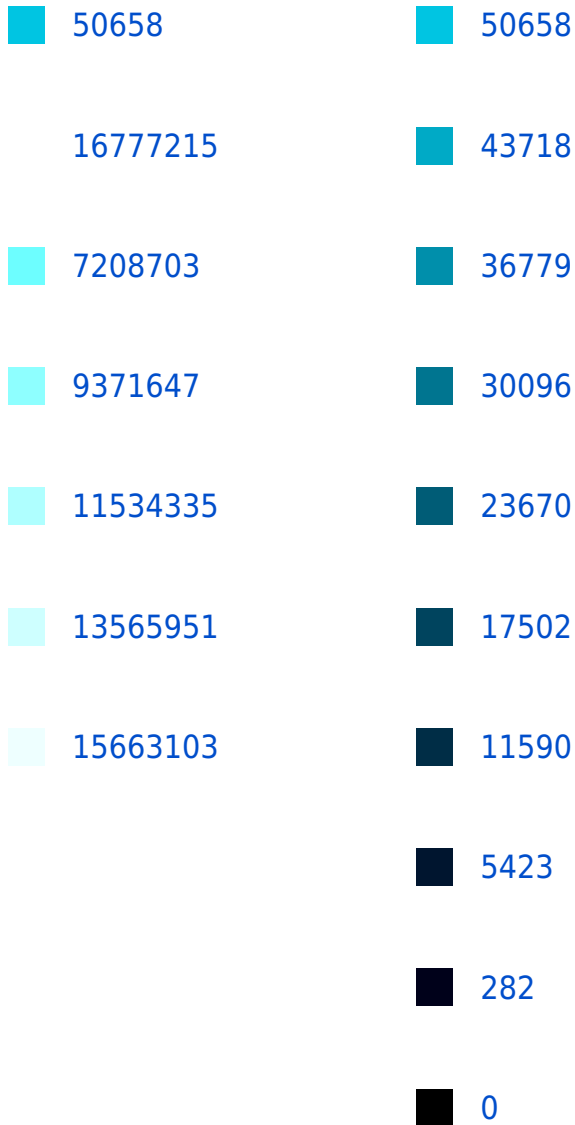


- Cyan (100%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50658 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 50658 by changing the saturation by 10% instead.



■ 50658

■ 1558754

■ 3001314

■ 4509410

■ 5951970

■ 7460066

■ 8967906

■ 10410466

■ 11918562

■ 13361122

Harmonies

Analogous

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



3262400



50658



5357304

Triad

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



50658



15506125



12564074

Complementary

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



50658



14818560

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.



14723439



50658



16488360

Square

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



50658



13149676



16162182



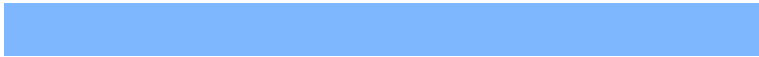
9944954

Rectangle

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



50658



8304637



16162182



13349482

Sweetspot

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



50658



11793919



57882



5405312



0



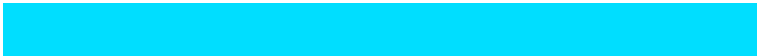
8421504

Same Dimension

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



50658



57087



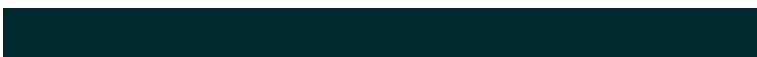
22498



6647664



39344



10800

Inverse Universe

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



14811333



16711902



14846720



7365999



11534489



3145770

Previews

White Background



This preview shows how the Decimal color 50658 looks on a white background.

Color Contrast Check

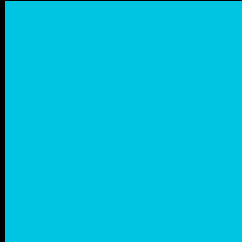
Large Text (above 18pt) WCAG AA × Fail

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 50658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

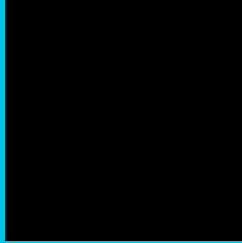
Any Text WCAG AA ✓ Pass

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 50658 Background



This preview shows how black text looks on a background with the Decimal color 50658.

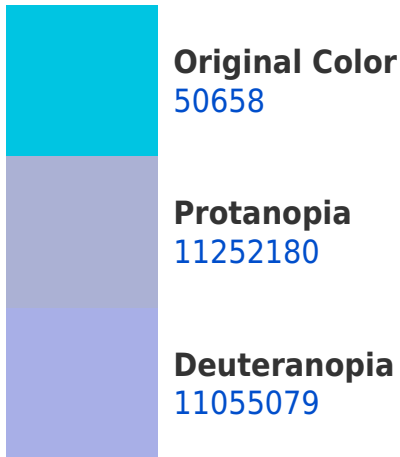


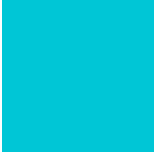
This preview shows how white text looks on a background with the Decimal color 50658.

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](#).

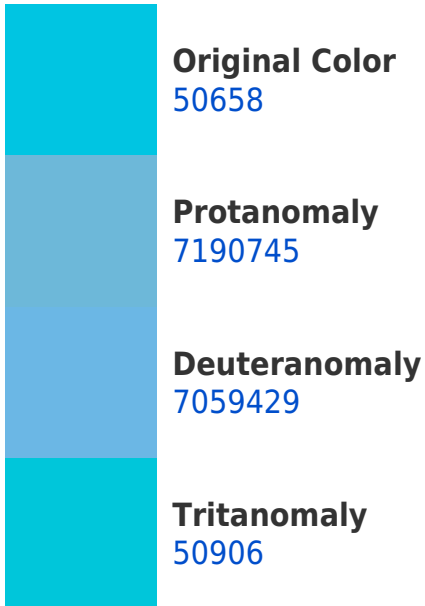
Dichromacy



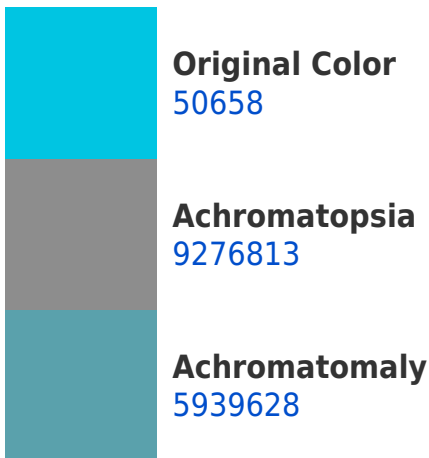


Tritanopia
50902

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 50658 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 #00C5E2 looks like.

```
.text, #text, p{  
    color:#00C5E2  
}
```

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 #00C5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5E2
}
```

Border

The CSS property to change the border of an element to Decimal 50658 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
#00C5E2 }
```

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

```
.border{ border-color:#00C5E2 }
```

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

Here you see how a box with a 4 pixel #00C5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5E2; -webkit-box-shadow:4px 4px  
4px 4px #00C5E2; box-shadow:4px 4px 4px  
4px #00C5E2 }
```

Background

The CSS property to change the background color of an element to Decimal 50658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5E2 }
```

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

```
.background{ background-color:#00C5E2 }
```

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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