

Converting Colors

Decimal(51942)

Have a look what the booklet for
Decimal(51942) contains.

Decimal(51942)	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(51942)

Conversions

Conversions Part 1

Format	Color
Hex	00CAE6
RGB	0, 202, 230
RGB Percent	0%, 79%, 90%
CMY	1.0000, 0.2078, 0.0980
CMYK	1.00, 0.12, 0.00, 0.10
HSL	187°, 100%, 45%
HSV	187°, 100%, 90%
XYZ	35.4035, 47.9542, 82.2530
YIQ	144.7940, -129.3800, -34.1160

Conversions

Conversions Part 2

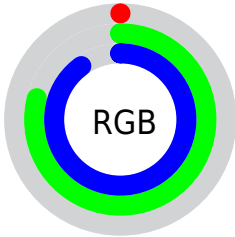
Format	Color
RYB	0, 108, 230
Decimal	51942
CIELab	74.80, -31.61, -25.60
CIELCh	75, 40.677, 219.009
Yxy	47.9542, 0.2138, 0.2896
Android (android.graphics.Color)	4278242022 (0xFF00CAE6)
YUV	144.7940, 42.0066, -126.9843
Hunter-Lab	69.2490, -29.9278, -21.9496

Details

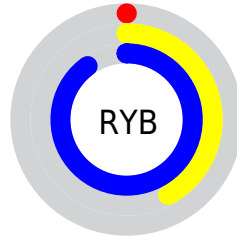
The Decimal color **51942** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **15080448**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **7274495**, and **37806** is the 20% darker color. If you saturate the color by 10%, you get **51942**, and if you desaturate by 10%, it is **1560038**.

Distribution



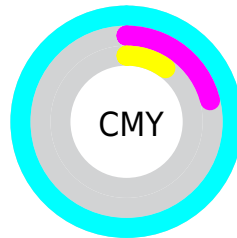
- Red (0%)
- Green (79%)
- Blue (90%)



- Red (0%)
- Yellow (42%)
- Blue (90%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51942 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 51942 by changing the saturation by 10% instead.



■ 51942

■ 1560038

■ 3068134

■ 4575974

■ 6084070

■ 7592166

■ 9100262

■ 10608358

■ 12116198

■ 13624294

Harmonies

Analogous

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



3591362



51942



5358589

Triad

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



51942



15769556



13023597

Complementary

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



51942



15080448

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.



15183219



51942



16751534

Square

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



51942



13347570



16556427



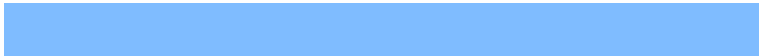
10339453

Rectangle

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



51942



8371455



16556427



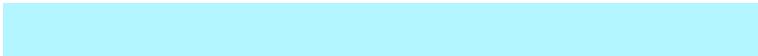
13809005

Sweetspot

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



51942



11794175



58907



5405312



0



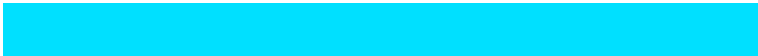
8421504

Same Dimension

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



51942



57599



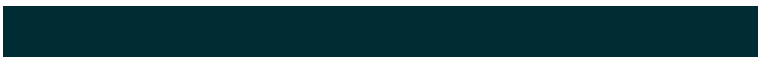
22758



6779251



40371



11571

Inverse Universe

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



15073482



16711904



15109632



7563121



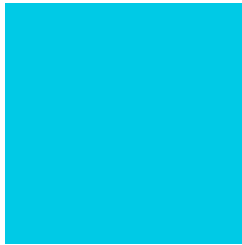
11731101



3342381

Previews

White Background



This preview shows how the Decimal color 51942 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 51942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

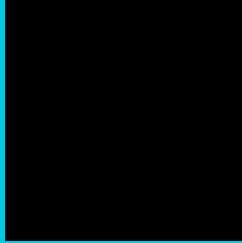
Any Text WCAG AA ✓ Pass

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 51942 Background



This preview shows how black text looks on a background with the Decimal color 51942.

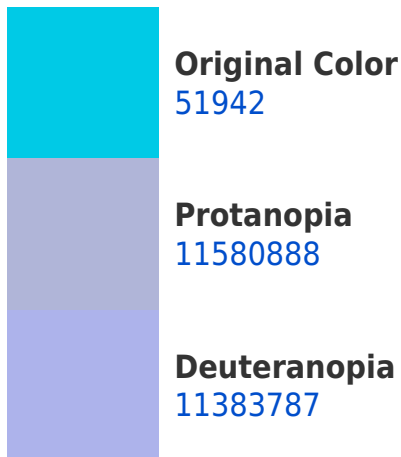


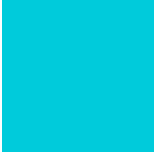
This preview shows how white text looks on a background with the Decimal color 51942.

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](#).

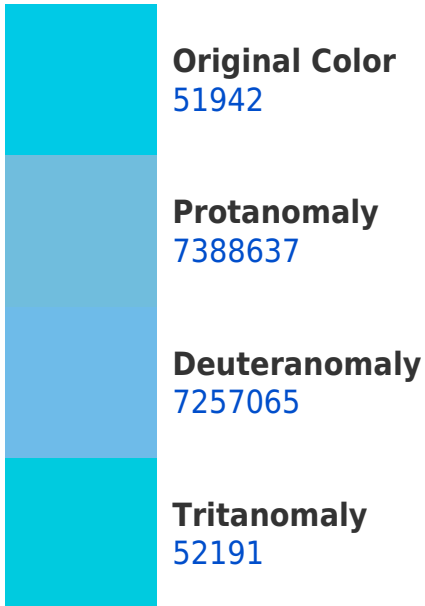
Dichromacy



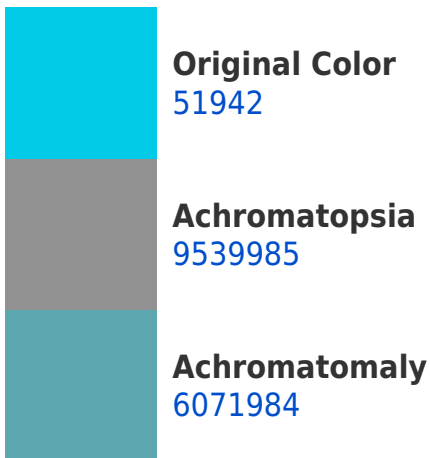


Tritanopia
52187

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 51942 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 #00CAE6 looks like.

```
.text, #text, p{  
    color:#00CAE6  
}
```

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 #00CAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CAE6
}
```

Border

The CSS property to change the border of an element to Decimal 51942 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
#00CAE6 }
```

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

```
.border{ border-color:#00CAE6 }
```

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

Here you see how a box with a 4 pixel #00CAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CAE6; -webkit-box-shadow:4px 4px  
4px 4px #00CAE6; box-shadow:4px 4px 4px  
4px #00CAE6 }
```

Background

The CSS property to change the background color of an element to Decimal 51942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CAE6 }
```

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

```
.background{ background-color:#00CAE6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor