

Converting Colors

Decimal(52978)

Have a look what the booklet for
Decimal(52978) contains.

Decimal(52978)	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(52978)

Conversions

Conversions Part 1

Format	Color
Hex	00CEF2
RGB	0, 206, 242
RGB Percent	0%, 81%, 95%
CMY	1.0000, 0.1922, 0.0510
CMYK	1.00, 0.15, 0.00, 0.05
HSL	189°, 100%, 47%
HSV	189°, 100%, 95%
XYZ	38.0983, 50.5534, 91.7542
YIQ	148.5100, -134.3320, -32.4760

Conversions

Conversions Part 2

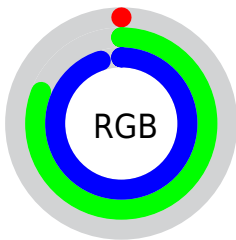
Format	Color
RYB	0, 111, 242
Decimal	52978
CIELab	76.41, -29.65, -29.59
CIELCh	76, 41.885, 224.938
Yxy	50.5534, 0.2112, 0.2802
Android (android.graphics.Color)	4278243058 (0xFF00CEF2)
YUV	148.5100, 46.0906, -130.2433
Hunter-Lab	71.1009, -28.7802, -26.7418

Details

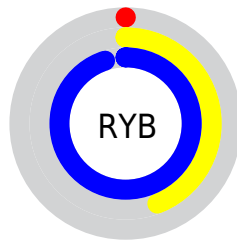
The Decimal color **52978** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **15868928**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **7471103**, and **38842** is the 20% darker color. If you saturate the color by 10%, you get **52978**, and if you desaturate by 10%, it is **1626866**.

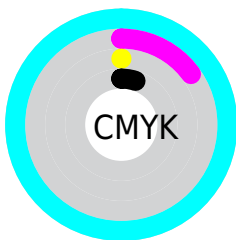
Distribution



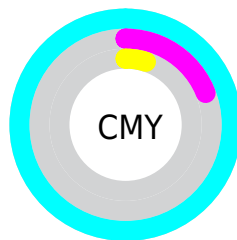
- Red (0%)
- Green (81%)
- Blue (95%)



- Red (0%)
- Yellow (44%)
- Blue (95%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52978 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 52978 by changing the saturation by 10% instead.



■ 52978

■ 1626866

■ 3200498

■ 4839922

■ 6413554

■ 7987442

■ 9561330

■ 11134962

■ 12774386

■ 14348018

Harmonies

Analogous

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



2413007



52978



6276863

Triad

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



52978



16556242



12828784

Complementary

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



52978



15868928

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.



15184754



52978



16752554

Square

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



52978



14265332



16754311



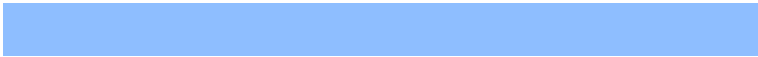
9947780

Rectangle

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



52978



9355007



16754311



13679726

Sweetspot

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



52978



11793663



61984



5405056



0



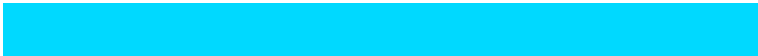
8421504

Same Dimension

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



52978



55807



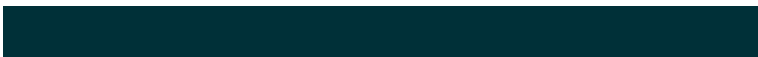
23026



7108216



40120



12344

Inverse Universe

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



15859918



16711897



15898880



7892086



12058780



3670064

Previews

White Background



This preview shows how the Decimal color 52978 looks on a white background.

Color Contrast Check

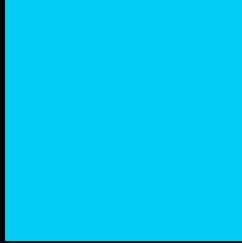
Large Text (above 18pt) WCAG AA × Fail

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 52978 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 52978 Background



This preview shows how black text looks on a background with the Decimal color 52978.



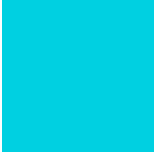
This preview shows how white text looks on a background with the Decimal color 52978.

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



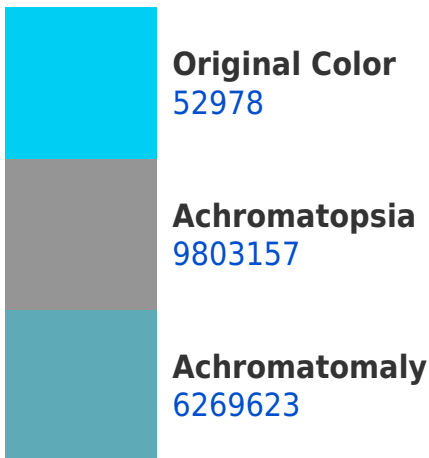


Tritanopia
53473

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 52978 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 #00CEF2 looks like.

```
.text, #text, p{  
    color:#00CEF2  
}
```

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 #00CEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CEF2
}
```

Border

The CSS property to change the border of an element to Decimal 52978 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
#00CEF2 }
```

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

```
.border{ border-color:#00CEF2 }
```

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

Here you see how a box with a 4 pixel #00CEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CEF2; -webkit-box-shadow:4px 4px  
4px 4px #00CEF2; box-shadow:4px 4px 4px  
4px #00CEF2 }
```

Background

The CSS property to change the background color of an element to Decimal 52978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CEF2 }
```

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

```
.background{ background-color:#00CEF2 }
```

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