

Converting Colors

Decimal(58096)

Have a look what the booklet for
Decimal(58096) contains.

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Color

Decimal(58096)

Conversions

Conversions Part 1

Format	Color
Hex	00E2F0
RGB	0, 226, 240
RGB Percent	0%, 89%, 94%
CMY	1.0000, 0.1137, 0.0588
CMYK	1.00, 0.06, 0.00, 0.06
HSL	184°, 100%, 47%
HSV	184°, 100%, 94%
XYZ	42.9245, 60.6840, 91.8889
YIQ	160.0220, -139.1900, -43.5580

Conversions

Conversions Part 2

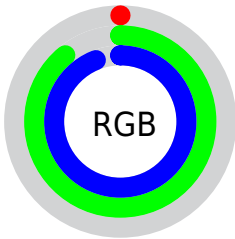
Format	Color
RYB	0, 116, 240
Decimal	58096
CIELab	82.21, -39.70, -19.68
CIELCh	82, 44.309, 206.363
Yxy	60.6840, 0.2196, 0.3104
Android (android.graphics.Color)	4278248176 (0xFF00E2F0)
YUV	160.0220, 39.4292, -140.3393
Hunter-Lab	77.8999, -37.9675, -15.4071

Details

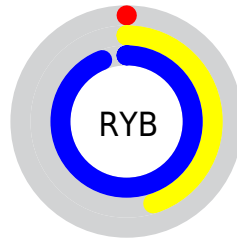
The Decimal color **58096** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **15732224**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **7602175**, and **43704** is the 20% darker color. If you saturate the color by 10%, you get **58096**, and if you desaturate by 10%, it is **1631216**.

Distribution



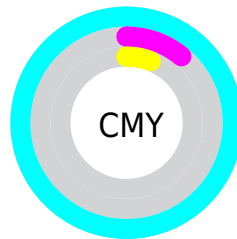
- Red (0%)
- Green (89%)
- Blue (94%)



- Red (0%)
- Yellow (45%)
- Blue (94%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 58096 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 58096 by changing the saturation by 10% instead.



■ 58096

■ 1631216

■ 3204592

■ 4777712

■ 6351088

■ 7924208

■ 9497328

■ 11070704

■ 12643824

■ 14217200

Harmonies

Analogous

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



5759686



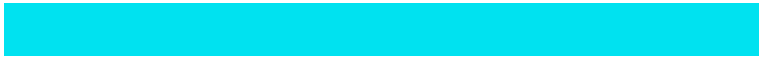
58096



3464703

Triad

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



58096



16561659



15517817

Complementary

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



58096



15732224

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.



16759433



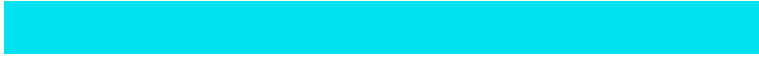
58096



16755923

Square

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



58096



13288703



16756394



12768640

Rectangle

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



58096



7132927



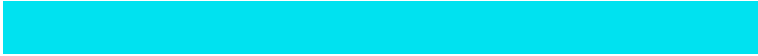
16756394



16302972

Sweetspot

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



58096



11795455



61452



5406080



0



8421504

Same Dimension

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



58096



61695



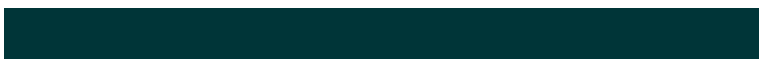
27888



7108472



44472



13624

Inverse Universe

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



15728866



16711920



15762432



7892087



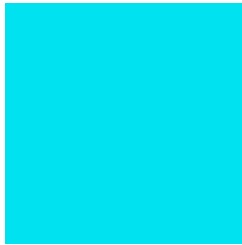
12058797



3670069

Previews

White Background



This preview shows how the Decimal color 58096 looks on a white background.

Color Contrast Check

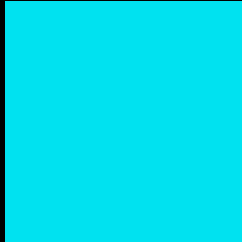
Large Text (above 18pt) WCAG AA × Fail

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 58096 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 58096 Background



This preview shows how black text looks on a background with the Decimal color 58096.



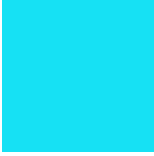
This preview shows how white text looks on a background with the Decimal color 58096.

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



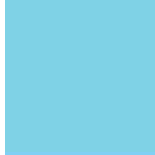


Tritanopia
1499636

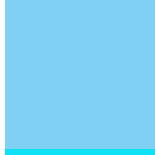
Trichromacy



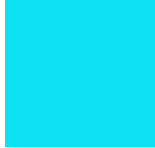
Original Color
58096



Protanomaly
8377062



Deuteranomaly
8442100



Tritanomaly
975347

Monochromacy



Original Color
58096



Achromatopsia
10526880



Achromatomaly
6731965

CSS Examples

Text

The CSS property to change the color of the text to Decimal 58096 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 #00E2F0 looks like.

```
.text, #text, p{  
    color:#00E2F0  
}
```

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 #00E2F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E2F0
}
```

Border

The CSS property to change the border of an element to Decimal 58096 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
#00E2F0 }
```

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

```
.border{ border-color:#00E2F0 }
```

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

Here you see how a box with a 4 pixel #00E2F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E2F0; -webkit-box-shadow:4px 4px  
4px 4px #00E2F0; box-shadow:4px 4px 4px  
4px #00E2F0 }
```

Background

The CSS property to change the background color of an element to Decimal 58096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E2F0 }
```

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

```
.background{ background-color:#00E2F0 }
```

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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