

Converting Colors

Decimal(4314088)

Have a look what the booklet for
Decimal(4314088) contains.

Decimal(4314088)	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(4314088)

Conversions

Conversions Part 1

Format	Color
Hex	41D3E8
RGB	65, 211, 232
RGB Percent	25%, 83%, 91%
CMY	0.7451, 0.1725, 0.0902
CMYK	0.72, 0.09, 0.00, 0.09
HSL	188°, 78%, 58%
HSV	188°, 72%, 91%
XYZ	40.0397, 53.5385, 84.5676
YIQ	169.7400, -93.7570, -24.4210

Conversions

Conversions Part 2

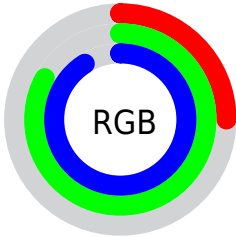
Format	Color
RYB	65, 143, 232
Decimal	4314088
CIELab	78.19, -31.18, -21.44
CIELCh	78, 37.842, 214.515
Yxy	53.5385, 0.2248, 0.3005
Android (android.graphics.Color)	4282504168 (0xFF41D3E8)
YUV	169.7400, 30.6942, -91.8570
Hunter-Lab	73.1700, -30.3697, -17.3065

Details

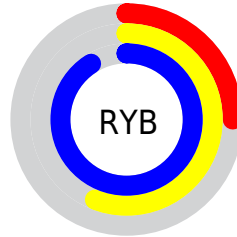
The Decimal color **4314088** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **15226433**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **8912895**, and **40112** is the 20% darker color. If you saturate the color by 10%, you get **2805992**, and if you desaturate by 10%, it is **5822184**.

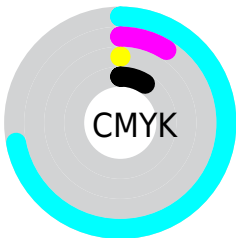
Distribution



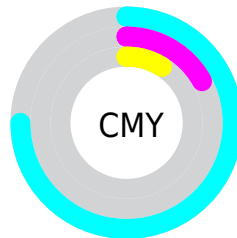
- Red (25%)
- Green (83%)
- Blue (91%)



- Red (25%)
- Yellow (56%)
- Blue (91%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4314088 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 4314088 by changing the saturation by 10% instead.

4314088

4314088

16777215

47052

8912895

40112

10944511

33430

13041663

26748

15073279

20323

14411

9268

543

3

■ 4314088

■ 4314088

■ 2805992

■ 5822184

■ 1297896

■ 7330280

■ 52200

■ 8903912

■ 10412008

■ 11920104

■ 13428200

■ 14936040

■ 16509672

■ 16772584

Harmonies

Analogous

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



5887174



4314088



6409727

Triad

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



4314088



15903712



13943163

Complementary

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



4314088



15226433

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.



15906179



4314088



16754365

Square

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



4314088



13481723



16755355



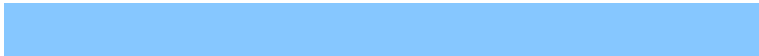
11455366

Rectangle

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



4314088



8833023



16755355



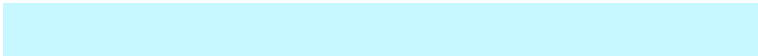
14663035

Sweetspot

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



4314088



13105407



4319316



6192000



0



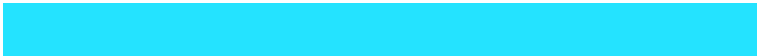
8421504

Same Dimension

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



4314088



2417663



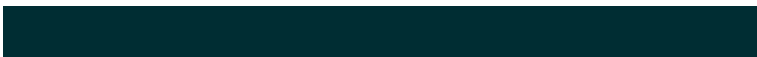
4293096



6779251



40115



11571

Inverse Universe

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



15221203



16721123



15247425



7563121



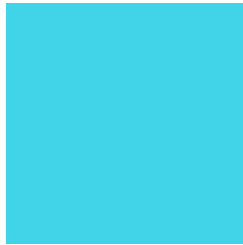
11731100



3342381

Previews

White Background



This preview shows how the Decimal color 4314088 looks on a white background.

Color Contrast Check

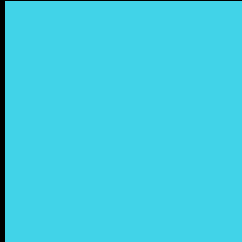
Large Text (above 18pt) WCAG AA × Fail

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 4314088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

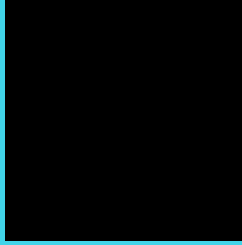
Any Text WCAG AA ✓ Pass

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 4314088 Background



This preview shows how black text looks on a background with the Decimal color 4314088.

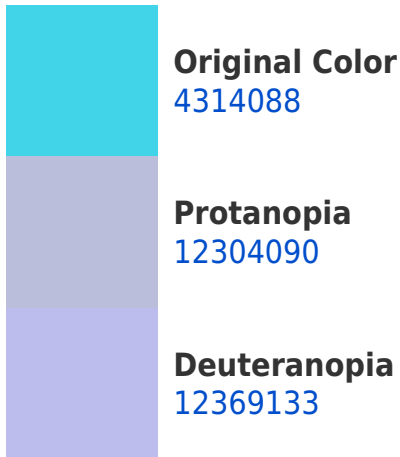


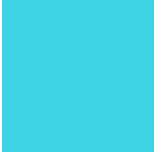
This preview shows how white text looks on a background with the Decimal color 4314088.

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



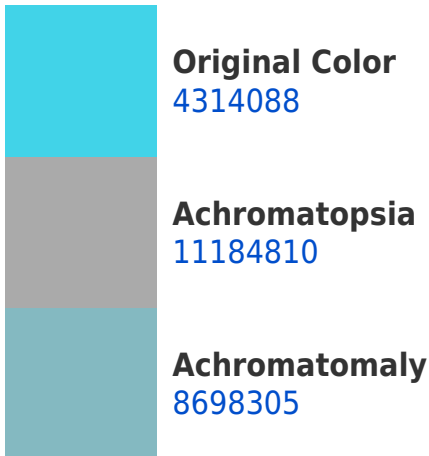


Tritanopia
4183269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4314088 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 #41D3E8 looks like.

```
.text, #text, p{  
    color:#41D3E8  
}
```

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 #41D3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D3E8
}
```

Border

The CSS property to change the border of an element to Decimal 4314088 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
#41D3E8 }
```

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

```
.border{ border-color:#41D3E8 }
```

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

Here you see how a box with a 4 pixel #41D3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D3E8; -webkit-box-shadow:4px 4px  
4px 4px #41D3E8; box-shadow:4px 4px 4px  
4px #41D3E8 }
```

Background

The CSS property to change the background color of an element to Decimal 4314088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D3E8 }
```

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

```
.background{ background-color:#41D3E8 }
```

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