

Converting Colors

Decimal(4314353)

Have a look what the booklet for
Decimal(4314353) contains.

| | |
|--|----|
| Decimal(4314353) | 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(4314353)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 41D4F1 |
| RGB | 65, 212, 241 |
| RGB Percent | 25%, 83%, 95% |
| CMY | 0.7451, 0.1686, 0.0549 |
| CMYK | 0.73, 0.12, 0.00, 0.05 |
| HSL | 190°, 86%, 60% |
| HSV | 190°, 73%, 95% |
| XYZ | 41.6006, 54.5617, 91.5580 |
| YIQ | 171.3530, -96.9210, -22.1450 |

Conversions

Conversions Part 2

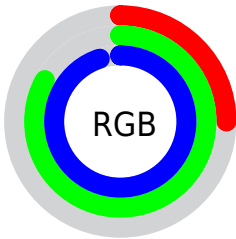
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 65, 145, 241 |
| Decimal | 4314353 |
| CIE _{Lab} | 78.79, -28.94, -25.35 |
| CIE _{LCh} | 79, 38.472, 221.210 |
| Y _{xy} | 54.5617, 0.2216, 0.2907 |
| Android (android.graphics.Color) | 4282504433 (0xFF41D4F1) |
| YUV | 171.3530, 34.3360, -93.2716 |
| Hunter-Lab | 73.8659, -28.7355, -21.7848 |

Details

The Decimal color **4314353** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **15818305**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **8978431**, and **40377** is the 20% darker color. If you saturate the color by 10%, you get **2740465**, and if you desaturate by 10%, it is **5888241**.

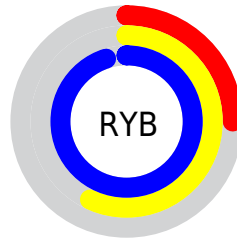
Distribution



Red (25%)

Green (83%)

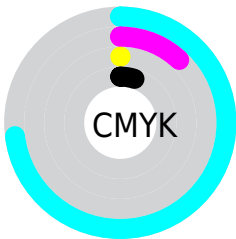
Blue (95%)



Red (25%)

Yellow (57%)

Blue (95%)

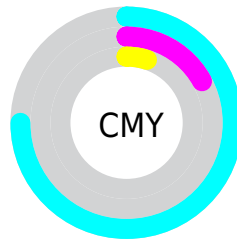


Cyan (73%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4314353 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 4314353 by changing the saturation by 10% instead.

 4314353

 4314353

16777215

 47317

 8978431

 40377

 11075583

 33694

 13107199

 27012

 15138815

 20842

 14674

 9275

 549

 270

■ 4314353

■ 4314353

■ 2740465

■ 5888241

■ 1166577

■ 7462129

■ 51697

■ 9036017

■ 10609905

■ 12249329

■ 13823217

■ 15397105

■ 16774385

■ 16775409

Harmonies

Analogous

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



5232336



4314353



7196159

Triad

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



4314353



16493531



13550972

Complementary

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



4314353



15818305

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.



15710592



4314353



16754871

Square

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



4314353



14267897



16756374



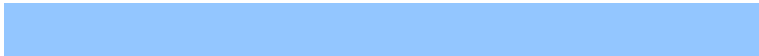
10932108

Rectangle

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



4314353



9684735



16756374



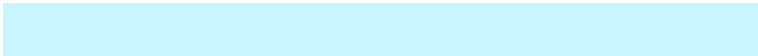
14336379

Sweetspot

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



4314353



13104895



4321627



6191744



0



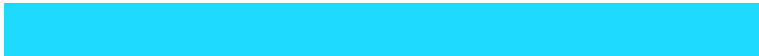
8421504

Same Dimension

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



4314353



2087679



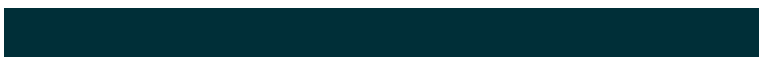
4292593



7108216



39352



12088

Inverse Universe

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



15811028



16719834



15840065



7892086



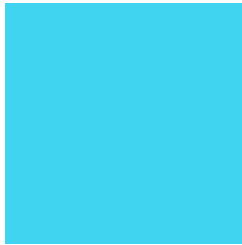
12058777



3670063

Previews

White Background



This preview shows how the Decimal color 4314353 looks on a white background.

Color Contrast Check

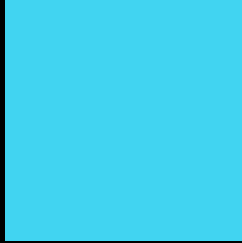
Large Text (above 18pt) WCAG AA × Fail

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 4314353 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 4314353 Background



This preview shows how black text looks on a background with the Decimal color 4314353.

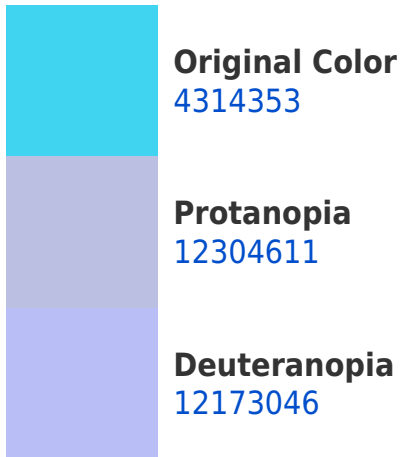


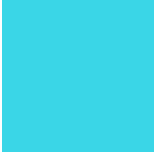
This preview shows how white text looks on a background with the Decimal color 4314353.

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
3856103

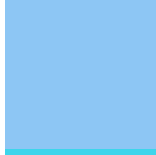
Trichromacy



Original Color
4314353



Protanomaly
9422824



Deuteranomaly
9291508

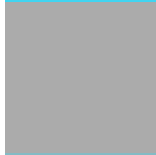


Tritanomaly
4052459

Monochromacy



Original Color
4314353



Achromatopsia
11250603



Achromatomaly
8698564

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4314353 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 #41D4F1 looks like.

```
.text, #text, p{  
    color:#41D4F1  
}
```

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 #41D4F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D4F1
}
```

Border

The CSS property to change the border of an element to Decimal 4314353 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
#41D4F1 }
```

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

```
.border{ border-color:#41D4F1 }
```

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

Here you see how a box with a 4 pixel #41D4F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D4F1; -webkit-box-shadow:4px 4px  
4px 4px #41D4F1; box-shadow:4px 4px 4px  
4px #41D4F1 }
```

Background

The CSS property to change the background color of an element to Decimal 4314353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D4F1 }
```

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

```
.background{ background-color:#41D4F1 }
```

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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