

# Converting Colors

Decimal(2018533)

Have a look what the booklet for  
Decimal(2018533) contains.

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# **Color**

**Decimal(2018533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ECCE5
RGB	30, 204, 229
RGB Percent	12%, 80%, 90%
CMY	0.8824, 0.2000, 0.1020
CMYK	0.87, 0.11, 0.00, 0.10
HSL	188°, 79%, 51%
HSV	188°, 87%, 90%
XYZ	36.2711, 49.1189, 81.6979
YIQ	154.8240, -111.7290, -29.1130

# Conversions

## Conversions Part 2

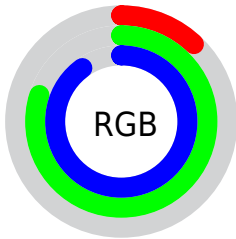
Format	Color
<a href="#">RYB</a>	<a href="#">30, 123, 229</a>
Decimal	<a href="#">2018533</a>
CIELab	<a href="#">75.53, -31.84, -23.94</a>
CIELCh	<a href="#">76, 39.831, 216.938</a>
Yxy	<a href="#">49.1189, 0.2171, 0.2940</a>
Android (android.graphics.Color)	<a href="#">4280208613 (0xFF1ECCE5)</a>
YUV	<a href="#">154.8240, 36.5688, -109.4706</a>
Hunter-Lab	<a href="#">70.0849, -30.2691, -20.0550</a>

# Details

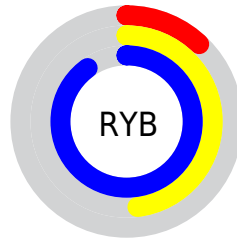
The Decimal color **2018533** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **15021854**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7733247**, and **38317** is the 20% darker color. If you saturate the color by 10%, you get **510437**, and if you desaturate by 10%, it is **3526629**.

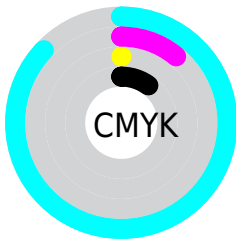
# Distribution



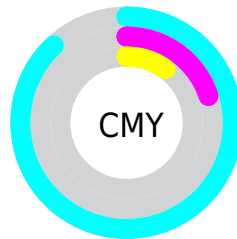
- Red (12%)
- Green (80%)
- Blue (90%)



- Red (12%)
- Yellow (48%)
- Blue (90%)



- Cyan (87%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (88%)
- Magenta (20%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2018533 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 2018533 by changing the saturation by 10% instead.



2018533

2018533

16777215

45257

7733247

38317

9895935

31635

11993087

25209

14024703

18784

16121855

12872

7730

541

0

■ 2018533

■ 2018533

■ 510437

■ 3526629

■ 51429

■ 5034725

■ 6542821

■ 8050917

■ 9558757

■ 11001317

■ 12509413

■ 14017509

■ 15525605

# Harmonies

## Analogous

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



4378306



2018533



5490429

# Triad

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



2018533



15704792



13286256

# Complementary

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



2018533



15021854

# 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.



15380087



2018533



16752051

# Square

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



2018533



13282805



16688016



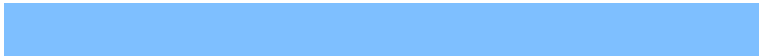
10667390

# Rectangle

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



2018533



8306687



16688016



14071664



# Sweetspot

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



2018533



12449791



2024757



5798784



0



8421504

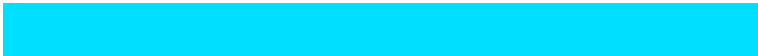


# Same Dimension

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



2018533



57343



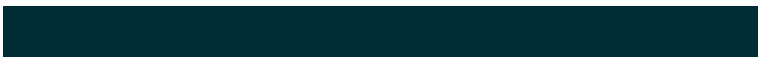
1993445



6779251



40115



11571



# Inverse Universe

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



15015628



16711903



15046942



7563121



11731100

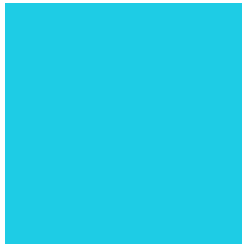


3342381



# Previews

## White Background



This preview shows how the Decimal color 2018533 looks on a white background.

## Color Contrast Check

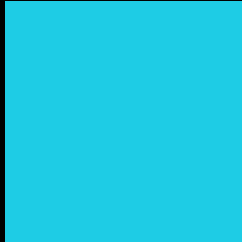
Large Text (above 18pt) WCAG AA × Fail

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 2018533 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 2018533 Background



This preview shows how black text looks on a background with the Decimal color 2018533.



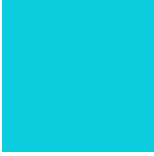
This preview shows how white text looks on a background with the Decimal color 2018533.

# 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**  
839134

# Trichromacy



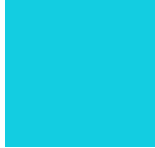
**Original Color**  
2018533



**Protanomaly**  
8241116



**Deuteranomaly**  
8175080



**Tritanomaly**  
1297889

# Monochromacy



**Original Color**  
2018533



**Achromatopsia**  
10197915



**Achromatomaly**  
7253430

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2018533 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 #1ECCE5 looks like.

```
.text, #text, p{  
  color:#1ECCE5  
}
```

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 #1ECCE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ECCE5
}
```

## Border

The CSS property to change the border of an element to Decimal 2018533 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
#1ECCE5 }
```

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

```
.border{ border-color:#1ECCE5 }
```

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

Here you see how a box with a 4 pixel #1ECCE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ECCE5; -webkit-box-shadow:4px 4px  
4px 4px #1ECCE5; box-shadow:4px 4px 4px  
4px #1ECCE5 }
```

# Background

The CSS property to change the background color of an element to Decimal 2018533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ECCE5 }
```

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

```
.background{ background-color:#1ECCE5 }
```

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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