

Converting Colors

Decimal(1936615)

Have a look what the booklet for
Decimal(1936615) contains.

Decimal(1936615)	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(1936615)

Conversions

Conversions Part 1

Format	Color
Hex	1D8CE7
RGB	29, 140, 231
RGB Percent	11%, 55%, 91%
CMY	0.8863, 0.4510, 0.0941
CMYK	0.87, 0.39, 0.00, 0.09
HSL	207°, 81%, 51%
HSV	207°, 87%, 91%
XYZ	24.3086, 24.7869, 79.1045
YIQ	117.1850, -95.3670, 4.7690

Conversions

Conversions Part 2

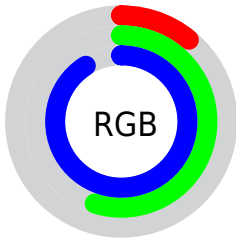
Format	Color
R_{YB}	29, 101, 231
Decimal	1936615
CIE _{Lab}	56.87, 3.30, -54.16
CIE _{LCh}	57, 54.262, 273.482
Yxy	24.7869, 0.1896, 0.1933
Android (android.graphics.Color)	4280126695 (0xFF1D8CE7)
YUV	117.1850, 56.1108, -77.3382
Hunter-Lab	49.7864, 0.0276, -59.3539

Details

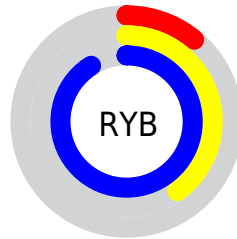
The Decimal color **1936615** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **15169565**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **7389695**, and **23471** is the 20% darker color. If you saturate the color by 10%, you get **426727**, and if you desaturate by 10%, it is **3446503**.

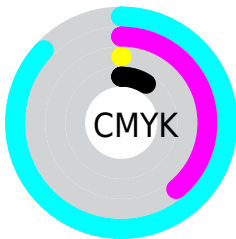
Distribution



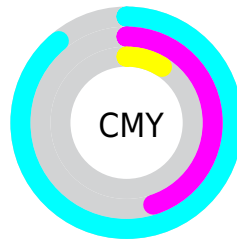
- Red (11%)
- Green (55%)
- Blue (91%)



- Red (11%)
- Yellow (40%)
- Blue (91%)



- Cyan (87%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)

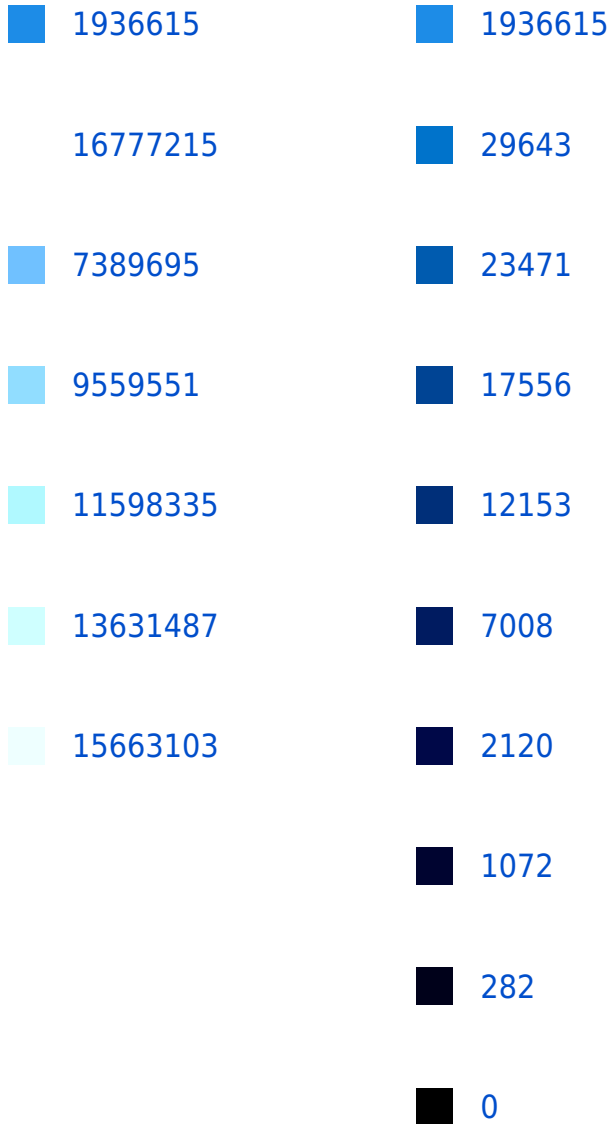


- Cyan (89%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1936615 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 1936615 by changing the saturation by 10% instead.



■ 1936615

■ 1936615

■ 426727

■ 3446503

■ 32743

■ 4956647

■ 6466535

■ 7976679

■ 9552103

■ 11061991

■ 12572135

■ 14082023

■ 15592167

Harmonies

Analogous

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



39133



1936615



9534168

Triad

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



1936615



14312535



1678428

Complementary

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



1936615



15169565

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.



7116084



1936615



12744242

Square

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



1936615



14507141



10258464



40845

Rectangle

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



1936615



12086465



10258464



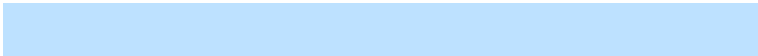
4233805

Sweetspot

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



1936615



12444159



1959800



5795456



0



8421504

Same Dimension

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



1936615



36095



1910759



6778483



25267



7219

Inverse Universe

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



15146380



16711820



15195421



7563118



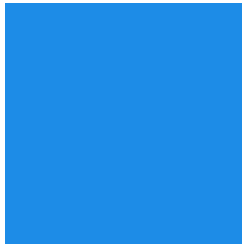
11731042



3342364

Previews

White Background



This preview shows how the Decimal color 1936615 looks on a white background.

Color Contrast Check

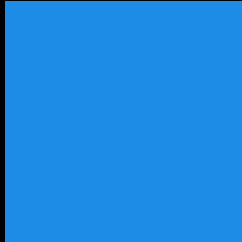
Large Text (above 18pt) WCAG AA ✓ Pass

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 1936615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

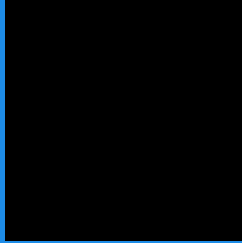
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

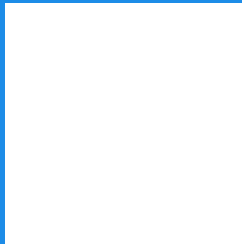
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 1936615 Background



This preview shows how black text looks on a background with the Decimal color 1936615.



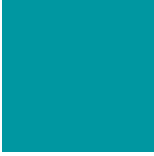
This preview shows how white text looks on a background with the Decimal color 1936615.

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](#).

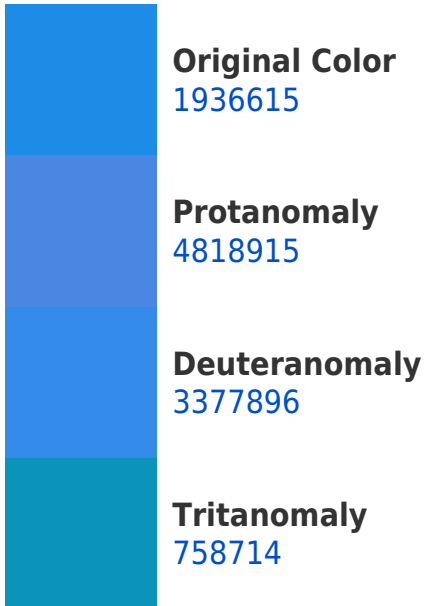
Dichromacy





Tritanopia
38817

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1936615 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 #1D8CE7 looks like.

```
.text, #text, p{  
  color:#1D8CE7  
}
```

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 #1D8CE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8CE7
}
```

Border

The CSS property to change the border of an element to Decimal 1936615 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
#1D8CE7 }
```

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

```
.border{ border-color:#1D8CE7 }
```

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

Here you see how a box with a 4 pixel #1D8CE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8CE7; -webkit-box-shadow:4px 4px  
4px 4px #1D8CE7; box-shadow:4px 4px 4px  
4px #1D8CE7 }
```

Background

The CSS property to change the background color of an element to Decimal 1936615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8CE7 }
```

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

```
.background{ background-color:#1D8CE7 }
```

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