

Converting Colors

Decimal(1871830)

Have a look what the booklet for
Decimal(1871830) contains.

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Color

Decimal(1871830)

Conversions

Conversions Part 1

Format	Color
Hex	1C8FD6
RGB	28, 143, 214
RGB Percent	11%, 56%, 84%
CMY	0.8902, 0.4392, 0.1608
CMYK	0.87, 0.33, 0.00, 0.16
HSL	203°, 77%, 47%
HSV	203°, 87%, 84%
XYZ	22.4389, 24.7468, 67.2123
YIQ	116.7090, -91.3310, -2.2990

Conversions

Conversions Part 2

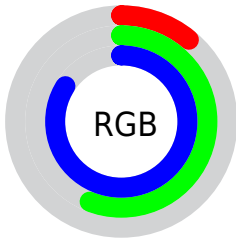
Format	Color
R_{YB}	28, 99, 214
Decimal	1871830
CIE Lab	56.83, -4.89, -44.73
CIE LCh	57, 44.993, 263.760
Yxy	24.7468, 0.1961, 0.2163
Android (android.graphics.Color)	4280061910 (0xFF1C8FD6)
YUV	116.7090, 47.9645, -77.7978
Hunter-Lab	49.7462, -6.5401, -45.2846

Details

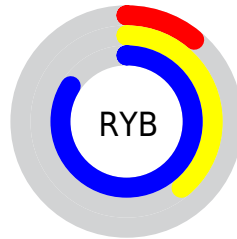
The Decimal color **1871830** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **14050076**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **7128319**, and **23967** is the 20% darker color. If you saturate the color by 10%, you get **493526**, and if you desaturate by 10%, it is **3250134**.

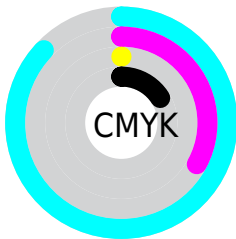
Distribution



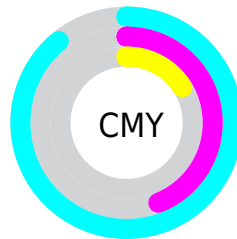
- Red (11%)
- Green (56%)
- Blue (84%)



- Red (11%)
- Yellow (39%)
- Blue (84%)



- Cyan (87%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (89%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1871830 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 1871830 by changing the saturation by 10% instead.

■ 1871830

■ 1871830

16777215

■ 30394

■ 7128319

■ 23967

■ 9232639

■ 18052

■ 11271679

■ 12395

■ 13238271

■ 7250

■ 15269887

■ 1594

■ 548

■ 12

■ 0

■ 1871830

■ 1871830

■ 493526

■ 3250134

■ 34006

■ 4693974

■ 6072534

■ 7516374

■ 8894678

■ 10272982

■ 11716822

■ 13095126

■ 14539222

Harmonies

Analogous

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



39111



1871830



8290768

Triad

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



1871830



13724011



5281880

Complementary

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



1871830



14050076

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.



8425533



1871830



12809546

Square

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



1871830



13395858



10912568



40063

Rectangle

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



1871830



10647489



10912568



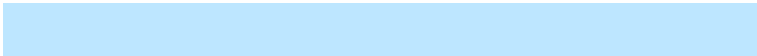
6460749

Sweetspot

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



1871830



12445439



1889888



5795968



0



8421504

Same Dimension

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



1871830



40703



1848790



6317931



27307



6955

Inverse Universe

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



14032015



16711838



14073116



7037031



11206762



2818075

Previews

White Background



This preview shows how the Decimal color 1871830 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 1871830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

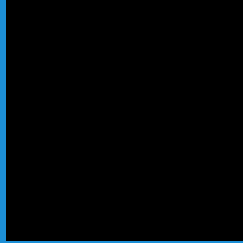
Any Text WCAG AA ✓ Pass

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 1871830 Background



This preview shows how black text looks on a background with the Decimal color 1871830.



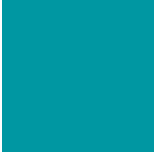
This preview shows how white text looks on a background with the Decimal color 1871830.

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](#).

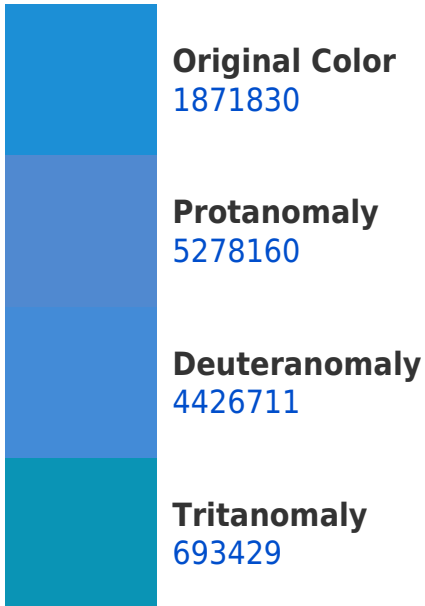
Dichromacy



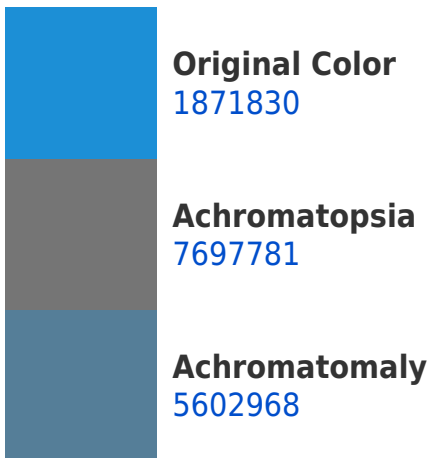


Tritanopia
38818

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1871830 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 #1C8FD6 looks like.

```
.text, #text, p{  
    color:#1C8FD6  
}
```

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 #1C8FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8FD6
}
```

Border

The CSS property to change the border of an element to Decimal 1871830 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
#1C8FD6 }
```

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

```
.border{ border-color:#1C8FD6 }
```

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

Here you see how a box with a 4 pixel #1C8FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8FD6; -webkit-box-shadow:4px 4px  
4px 4px #1C8FD6; box-shadow:4px 4px 4px  
4px #1C8FD6 }
```

Background

The CSS property to change the background color of an element to Decimal 1871830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8FD6 }
```

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

```
.background{ background-color:#1C8FD6 }
```

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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