

Converting Colors

Decimal(1863871)

Have a look what the booklet for
Decimal(1863871) contains.

| | |
|--|----|
| Decimal(1863871) | 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(1863871)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 1C70BF |
| RGB | 28, 112, 191 |
| RGB Percent | 11%, 44%, 75% |
| CMY | 0.8902, 0.5608, 0.2510 |
| CMYK | 0.85, 0.41, 0.00, 0.25 |
| HSL | 209°, 74%, 43% |
| HSV | 209°, 85%, 75% |
| XYZ | 15.6770, 15.5968, 51.4744 |
| YIQ | 95.8900, -75.4230, 6.7610 |

Conversions

Conversions Part 2

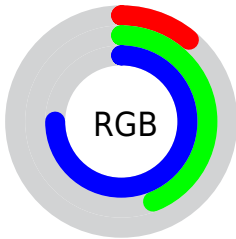
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 28, 83, 191 |
| Decimal | 1863871 |
| CIE _{Lab} | 46.44, 5.06, -48.15 |
| CIE _{LCh} | 46, 48.411, 276.005 |
| Yxy | 15.5968, 0.1895, 0.1885 |
| Android (android.graphics.Color) | 4280053951 (0xFF1C70BF) |
| YUV | 95.8900, 46.8892, -59.5395 |
| Hunter-Lab | 39.4928, 1.7448, -49.6329 |

Details

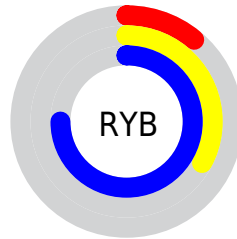
The Decimal color **1863871** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12544796**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **6726648**, and **16777** is the 20% darker color. If you saturate the color by 10%, you get **616383**, and if you desaturate by 10%, it is **3111359**.

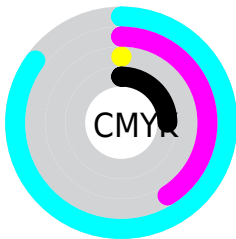
Distribution



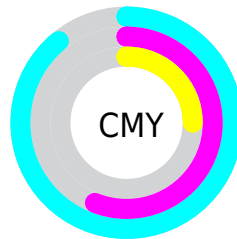
- Red (11%)
- Green (44%)
- Blue (75%)



- Red (11%)
- Yellow (33%)
- Blue (75%)



- Cyan (85%)
- Magenta (41%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1863871 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 1863871 by changing the saturation by 10% instead.



1863871



1863871

16777215



22692



6726648



16777



8765183



11375



10738431



6230



12711679



1598



14680063



807

16646143



273



0



1863871



1863871

■ 616383

■ 3111359

■ 25279

■ 4359103

■ 5606591

■ 6854079

■ 8101567

■ 9414847

■ 10662335

■ 11909823

■ 13157311

Harmonies

Analogous

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



31672



1863871



8020144

Triad

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



1863871



11751488



32587

Complementary

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



1863871



12544796

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.



5339431



1863871



10313761

Square

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



1863871



12011368



8089363



33141

Rectangle

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



1863871



10114204



8089363



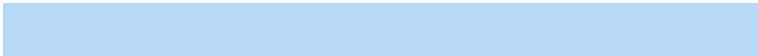
2588222

Sweetspot

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



1863871



12048631



1884011



5663357



16579836



8224125

Same Dimension

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



1863871



32759



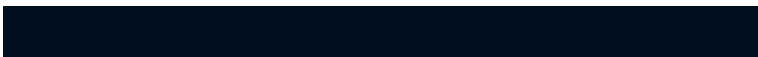
1843135



5593694



20894



4127

Inverse Universe

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



12524656



16187519



12565532



6182234



10354769



2031632

Previews

White Background



This preview shows how the Decimal color 1863871 looks on a white 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

Black Background



This preview shows how the Decimal color 1863871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

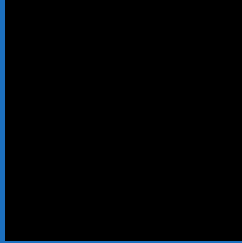
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 1863871 Background



This preview shows how black text looks on a background with the Decimal color 1863871.



This preview shows how white text looks on a background with the Decimal color 1863871.

Color Blindness Simulation

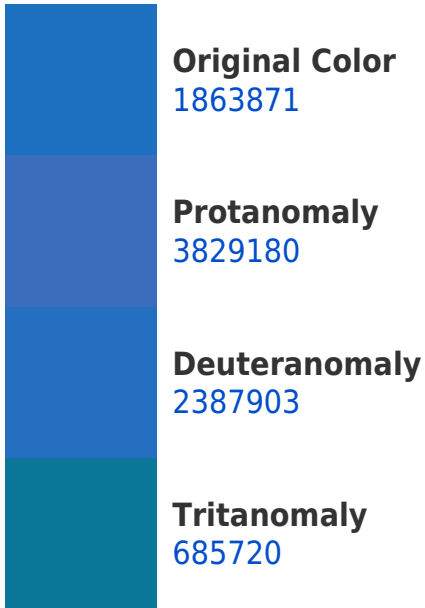
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

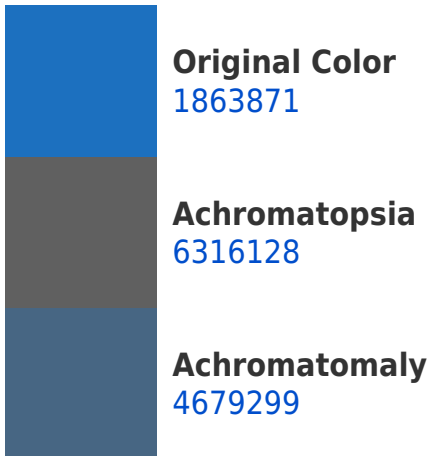




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1863871 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 #1C70BF looks like.

```
.text, #text, p{  
  color:#1C70BF  
}
```

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 #1C70BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C70BF
}
```

Border

The CSS property to change the border of an element to Decimal 1863871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

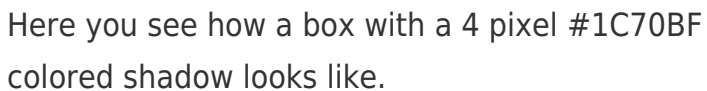
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C70BF }
```

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

```
.border{ border-color:#1C70BF }
```

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



Here you see how a box with a 4 pixel #1C70BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C70BF; -webkit-box-shadow:4px 4px  
4px 4px #1C70BF; box-shadow:4px 4px 4px  
4px #1C70BF }
```

Background

The CSS property to change the background color of an element to Decimal 1863871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C70BF }
```

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

```
.background{ background-color:#1C70BF }
```

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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