

Converting Colors

Decimal(1866466)

Have a look what the booklet for
Decimal(1866466) contains.

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Color

Decimal(1866466)

Conversions

Conversions Part 1

Format	Color
Hex	1C7AE2
RGB	28, 122, 226
RGB Percent	11%, 48%, 89%
CMY	0.8902, 0.5216, 0.1137
CMYK	0.88, 0.46, 0.00, 0.11
HSL	212°, 78%, 50%
HSV	212°, 88%, 89%
XYZ	21.1659, 19.6569, 74.6301
YIQ	105.7500, -89.4080, 12.4160

Conversions

Conversions Part 2

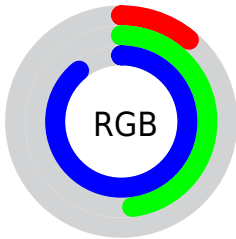
Format	Color
RYB	28, 92, 226
Decimal	1866466
CIELab	51.45, 12.34, -60.05
CIELCh	51, 61.307, 281.617
Yxy	19.6569, 0.1833, 0.1703
Android (android.graphics.Color)	4280056546 (0xFF1C7AE2)
YUV	105.7500, 59.2833, -68.1867
Hunter-Lab	44.3361, 7.6269, -68.7663

Details

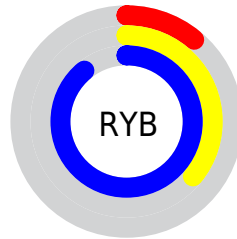
The Decimal color **1866466** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **14844956**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **7319295**, and **19114** is the 20% darker color. If you saturate the color by 10%, you get **356066**, and if you desaturate by 10%, it is **3376866**.

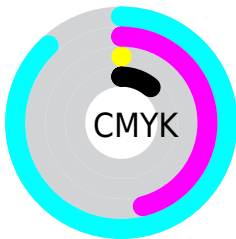
Distribution



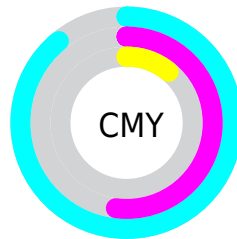
- Red (11%)
- Green (48%)
- Blue (89%)



- Red (11%)
- Yellow (36%)
- Blue (89%)



- Cyan (88%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (52%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1866466 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 1866466 by changing the saturation by 10% instead.

■ 1866466

■ 1866466

16777215

■ 25286

■ 7319295

■ 19114

■ 9423359

■ 13711

■ 11462143

■ 8565

■ 13500415

■ 2395

■ 15532031

■ 1859

■ 812

■ 278

■ 0

■ 1866466

■ 1866466

■ 356066

■ 3376866

■ 27618

■ 4821730

■ 6332130

■ 7776738

■ 9287138

■ 10797538

■ 12242402

■ 13752802

■ 15197666

Harmonies

Analogous

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



35294



1866466



9855946

Triad

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



1866466



13456695



37207

Complementary

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



1866466



14844956

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.



4557347



1866466



11365378

Square

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



1866466



14173288



8421120



37774

Rectangle

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



1866466



12276397



8421120



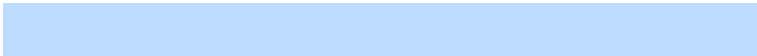
36678

Sweetspot

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



1866466



12442879



1892994



5794688



0



8421504

Same Dimension

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



1866466



31231



2039010



6646384



21680



5936

Inverse Universe

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



14818426



16711801



14672412



7365994



11534420



3145751

Previews

White Background



This preview shows how the Decimal color 1866466 looks on a white background.

Color Contrast Check

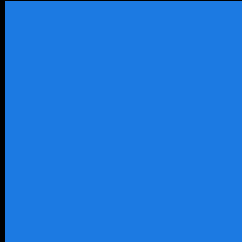
Large Text (above 18pt) WCAG AA ✓ Pass

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 1866466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

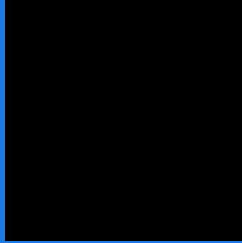
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

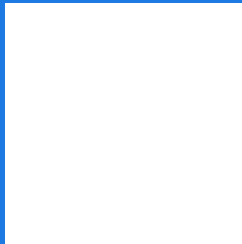
Any Text WCAG AAA × Fail

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

Decimal 1866466 Background



This preview shows how black text looks on a background with the Decimal color 1866466.



This preview shows how white text looks on a background with the Decimal color 1866466.

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
34705

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1866466 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 #1C7AE2 looks like.

```
.text, #text, p{  
  color:#1C7AE2  
}
```

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 #1C7AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7AE2
}
```

Border

The CSS property to change the border of an element to Decimal 1866466 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
#1C7AE2 }
```

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

```
.border{ border-color:#1C7AE2 }
```

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

Here you see how a box with a 4 pixel #1C7AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7AE2; -webkit-box-shadow:4px 4px  
4px 4px #1C7AE2; box-shadow:4px 4px 4px  
4px #1C7AE2 }
```

Background

The CSS property to change the background color of an element to Decimal 1866466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7AE2 }
```

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

```
.background{ background-color:#1C7AE2 }
```

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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