

Converting Colors

Decimal(817858)

Have a look what the booklet for
Decimal(817858) contains.

Decimal(817858)	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(817858)

Conversions

Conversions Part 1

Format	Color
Hex	0C7AC2
RGB	12, 122, 194
RGB Percent	5%, 48%, 76%
CMY	0.9529, 0.5216, 0.2392
CMYK	0.94, 0.37, 0.00, 0.24
HSL	204°, 88%, 40%
HSV	204°, 94%, 76%
XYZ	16.8488, 17.8923, 53.6045
YIQ	97.3180, -88.6720, -0.9280

Conversions

Conversions Part 2

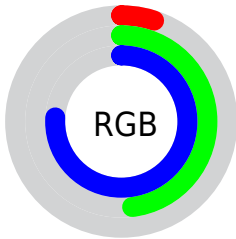
Format	Color
RYB	12, 81, 194
Decimal	817858
CIELab	49.37, -0.87, -45.22
CIELCh	49, 45.232, 268.896
Yxy	17.8923, 0.1907, 0.2025
Android (android.graphics.Color)	4279007938 (0xFF0C7AC2)
YUV	97.3180, 47.6642, -74.8239
Hunter-Lab	42.2993, -2.9231, -45.5268

Details

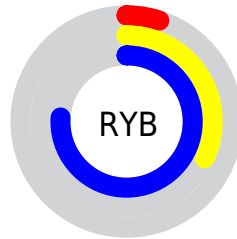
The Decimal color **817858** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **12735500**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6467323**, and **19084** is the 20% darker color. If you saturate the color by 10%, you get **30146**, and if you desaturate by 10%, it is **2065090**.

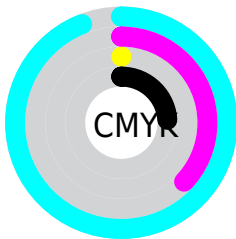
Distribution



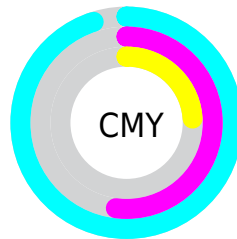
- Red (5%)
- Green (48%)
- Blue (76%)



- Red (5%)
- Yellow (32%)
- Blue (76%)



- Cyan (94%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)

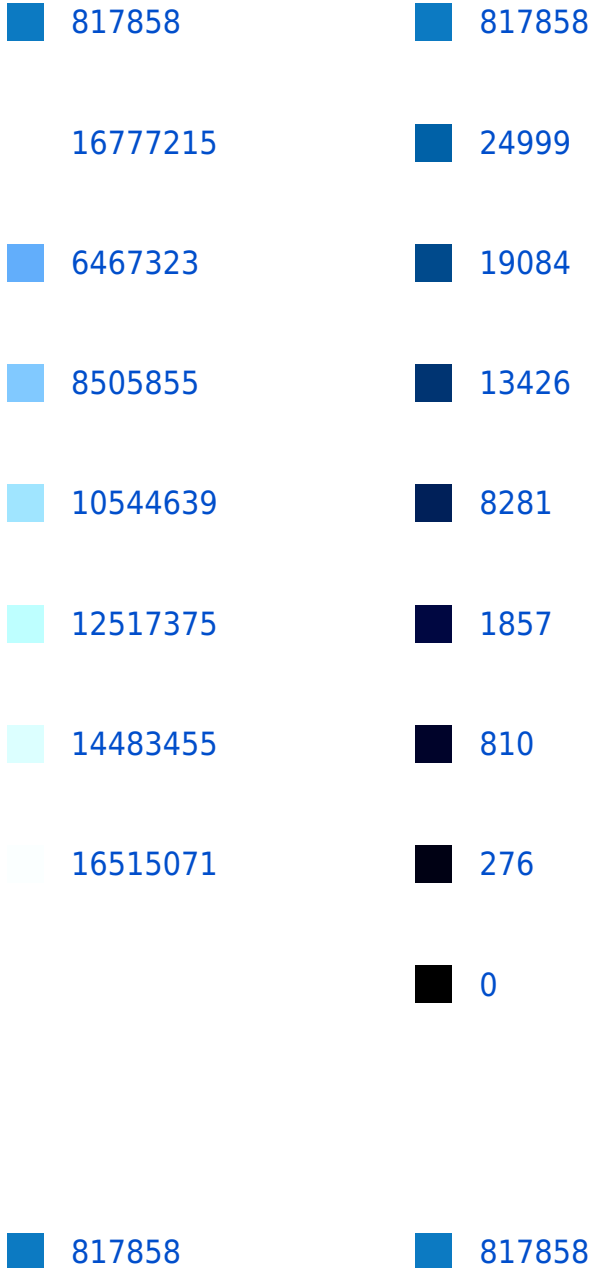


- Cyan (95%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 817858 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 817858 by changing the saturation by 10% instead.



■ 30146

■ 2065090

■ 3377602

■ 4624834

■ 5937602

■ 7184578

■ 8431810

■ 9744578

■ 10991554

■ 12304322

Harmonies

Analogous

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



33718



817858



7630009

Triad

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



817858



12212050



3245388

Complementary

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



817858



12735500

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.



6651438



817858



11101236

Square

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



817858



12145528



9204516



34931

Rectangle

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



817858



9855400



9204516



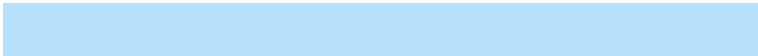
4621121

Sweetspot

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



817858



11985148



836178



5533312



0



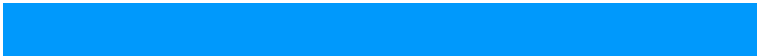
8421504

Same Dimension

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



817858



39420



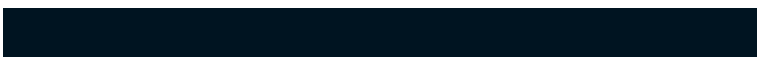
795074



5725537



24993



5153

Inverse Universe

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



12717178



16515225



12758284



6379357



10551393



2162708

Previews

White Background



This preview shows how the Decimal color 817858 looks on a white background.

Color Contrast Check

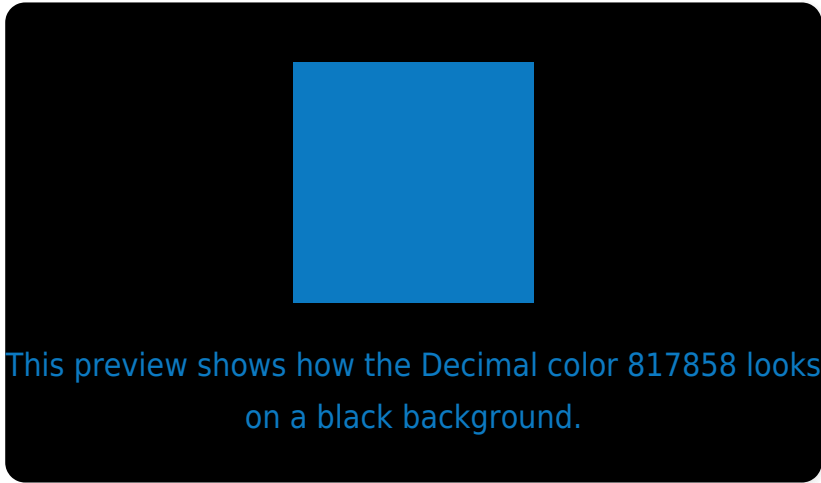
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

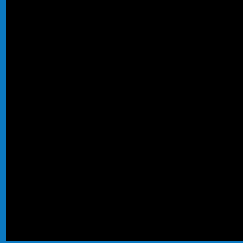
Any Text WCAG AA ✓ Pass

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 817858 Background



This preview shows how black text looks on a background with the Decimal color 817858.



This preview shows how white text looks on a background with the Decimal color 817858.

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
33419

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 817858 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 #0C7AC2 looks like.

```
.text, #text, p{  
  color:#0C7AC2  
}
```

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 #0C7AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7AC2
}
```

Border

The CSS property to change the border of an element to Decimal 817858 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
#0C7AC2 }
```

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

```
.border{ border-color:#0C7AC2 }
```

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

Here you see how a box with a 4 pixel #0C7AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7AC2; -webkit-box-shadow:4px 4px  
4px 4px #0C7AC2; box-shadow:4px 4px 4px  
4px #0C7AC2 }
```

Background

The CSS property to change the background color of an element to Decimal 817858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7AC2 }
```

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

```
.background{ background-color:#0C7AC2 }
```

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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