

Converting Colors

Decimal(817560)

Have a look what the booklet for
Decimal(817560) contains.

Decimal(817560)	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(817560)

Conversions

Conversions Part 1

Format	Color
Hex	0C7998
RGB	12, 121, 152
RGB Percent	5%, 47%, 60%
CMY	0.9529, 0.5255, 0.4039
CMYK	0.92, 0.20, 0.00, 0.40
HSL	193°, 85%, 32%
HSV	193°, 92%, 60%
XYZ	12.6565, 16.0199, 32.1308
YIQ	91.9430, -74.9150, -13.4670

Conversions

Conversions Part 2

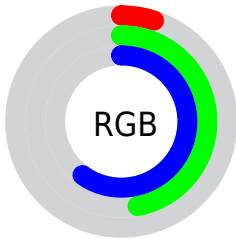
Format	Color
RYB	12, 73, 152
Decimal	817560
CIELab	47.00, -16.23, -24.53
CIElCh	47, 29.413, 236.514
Yxy	16.0199, 0.2081, 0.2635
Android (android.graphics.Color)	4279007640 (0xFF0C7998)
YUV	91.9430, 29.6081, -70.1100
Hunter-Lab	40.0249, -13.5991, -19.5789

Details

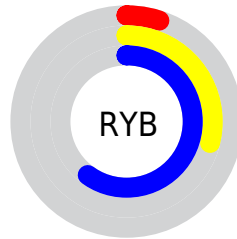
The Decimal color **817560** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9972492**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5877198**, and **18533** is the 20% darker color. If you saturate the color by 10%, you get **30360**, and if you desaturate by 10%, it is **1801368**.

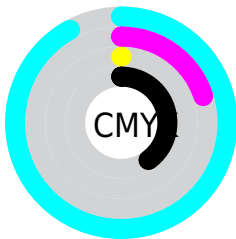
Distribution



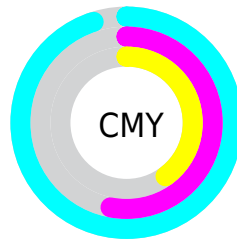
- Red (5%)
- Green (47%)
- Blue (60%)



- Red (5%)
- Yellow (29%)
- Blue (60%)



- Cyan (92%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 817560 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 817560 by changing the saturation by 10% instead.

817560 817560

16777215 24702

5877198 18533

7784939 12877

9692671 7734

11599871 545

13500415 5

15466495 0

817560 817560

30360 1801368

■ 2785432

■ 3834776

■ 4818584

■ 5802648

■ 6786456

■ 7770520

■ 8819864

■ 9803672

Harmonies

Analogous

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



31877



817560



4551584

Triad

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



817560



10247283



6911298

Complementary

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



817560



9972492

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.



8547646



817560



10444379

Square

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



817560



920011



9790535



5012051

Rectangle

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



817560



6385055



9790535



7500351

Sweetspot

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



817560



9287876



825386



4349027



14935011



6513507

Same Dimension

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



817560



39364



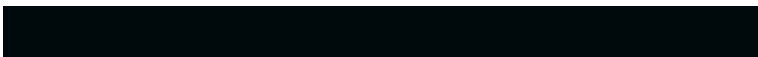
799896



4541261



28044



2573

Inverse Universe

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



9964665



12845209



9990156



5064011



9175149



851978

Previews

White Background



This preview shows how the Decimal color 817560 looks on a white background.

Color Contrast Check

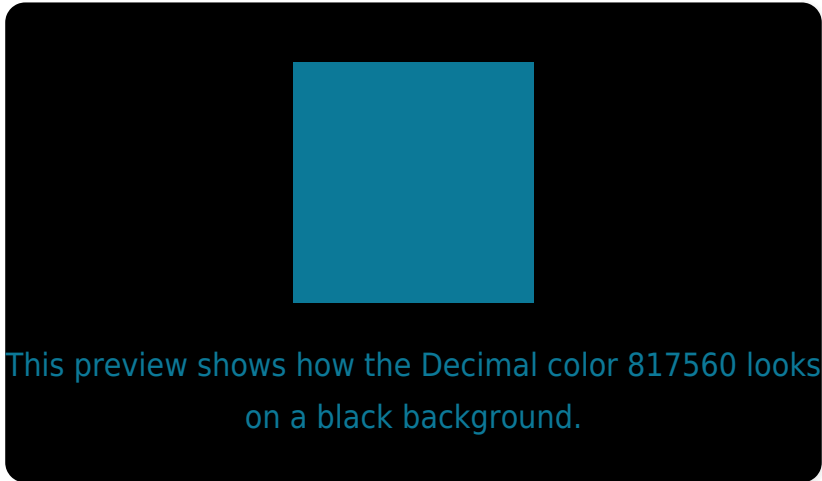
Large Text (above 18pt) WCAG AA ✓ Pass

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

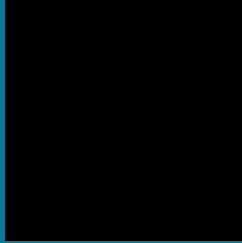
Any Text WCAG AA × Fail

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 817560 Background



This preview shows how black text looks on a background with the Decimal color 817560.

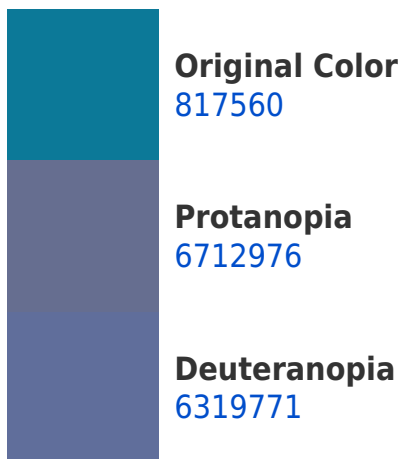


This preview shows how white text looks on a background with the Decimal color 817560.

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](#).

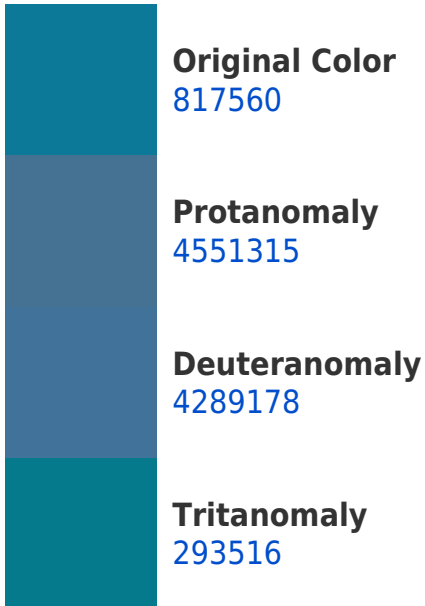
Dichromacy



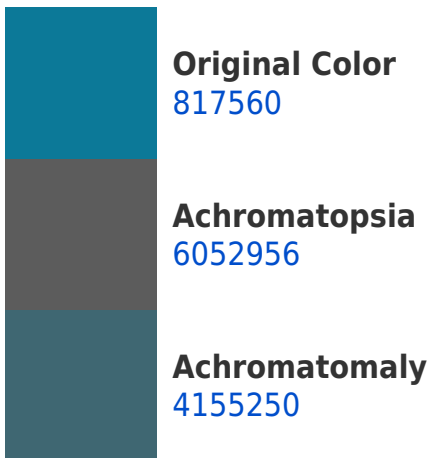


Tritanopia
31621

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 817560 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 #0C7998 looks like.

```
.text, #text, p{  
    color:#0C7998  
}
```

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 #0C7998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7998  
}
```

Border

The CSS property to change the border of an element to Decimal 817560 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  
#0C7998 }
```

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

```
.border{ border-color:#0C7998 }
```

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

Here you see how a box with a 4 pixel #0C7998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7998; -webkit-box-shadow:4px 4px  
4px 4px #0C7998; box-shadow:4px 4px 4px  
4px #0C7998 }
```

Background

The CSS property to change the background color of an element to Decimal 817560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7998 }
```

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

```
.background{ background-color:#0C7998 }
```

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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