

Converting Colors

Decimal(884113)

Have a look what the booklet for
Decimal(884113) contains.

Decimal(884113)	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(884113)

Conversions

Conversions Part 1

Format	Color
Hex	0D7D91
RGB	13, 125, 145
RGB Percent	5%, 49%, 57%
CMY	0.9490, 0.5098, 0.4314
CMYK	0.91, 0.14, 0.00, 0.43
HSL	189°, 84%, 31%
HSV	189°, 91%, 57%
XYZ	12.6104, 16.7971, 29.3656
YIQ	93.7920, -73.1720, -17.5240

Conversions

Conversions Part 2

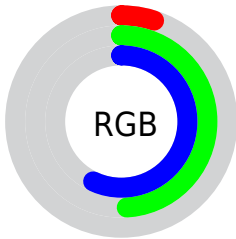
Format	Color
RYB	13, 74, 145
Decimal	884113
CIELab	48.00, -20.86, -18.87
CIELCh	48, 28.127, 222.127
Yxy	16.7971, 0.2146, 0.2858
Android (android.graphics.Color)	4279074193 (0xFF0D7D91)
YUV	93.7920, 25.2455, -70.8546
Hunter-Lab	40.9843, -16.8000, -13.7928

Details

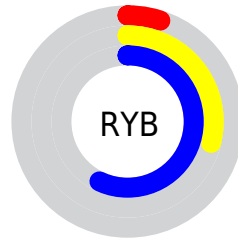
The Decimal color **884113** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9511181**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **5812935**, and **19551** is the 20% darker color. If you saturate the color by 10%, you get **31633**, and if you desaturate by 10%, it is **1867665**.

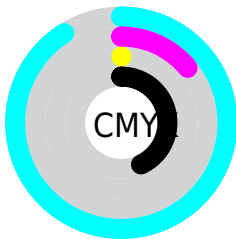
Distribution



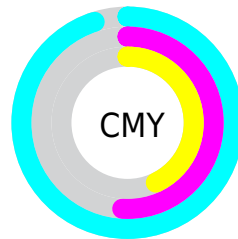
- Red (5%)
- Green (49%)
- Blue (57%)



- Red (5%)
- Yellow (29%)
- Blue (57%)



- Cyan (91%)
- Magenta (14%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 884113 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 884113 by changing the saturation by 10% instead.



884113



884113

16777215



25719



5812935



19551



7720419



13639



9628415



8240



11534335



284



13434879



0



15400959



884113



884113



31633



1867665

■ 2785681

■ 3769489

■ 4687505

■ 5671057

■ 6589073

■ 7572625

■ 8490897

■ 9474449

Harmonies

Analogous

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



1998715



884113



3569823

Triad

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



884113



9920897



7894083

Complementary

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



884113



9511181

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.



9333829



884113



10510441

Square

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



884113



8480917



10249299



6191694

Rectangle

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



884113



5403809



10249299



8417602

Sweetspot

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



884113



9090493



889121



4217438



14606046



6184542

Same Dimension

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



884113



41149



867217



4212295



29575



1544

Inverse Universe

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



9506173



12386464



9528077



4669510



8847475



524294

Previews

White Background



This preview shows how the Decimal color 884113 looks on a white background.

Color Contrast Check

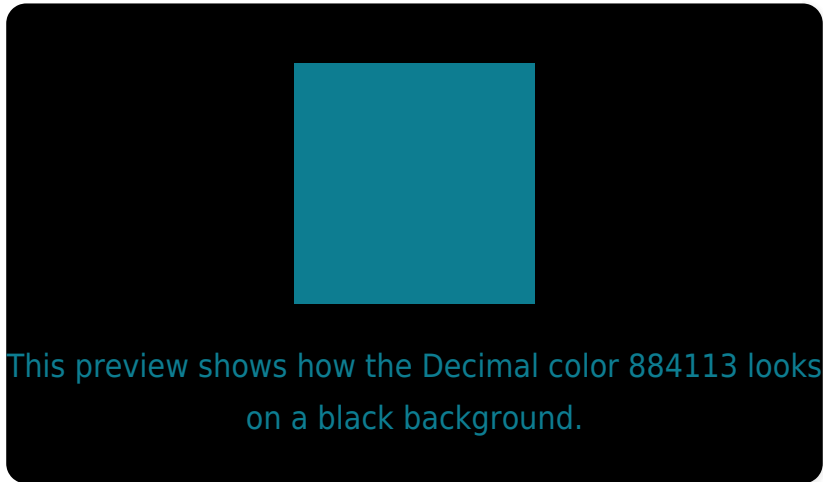
Large Text (above 18pt) WCAG AA ✓ Pass

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

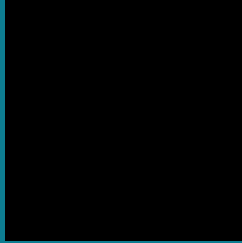
Any Text WCAG AA × Fail

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 884113 Background



This preview shows how black text looks on a background with the Decimal color 884113.

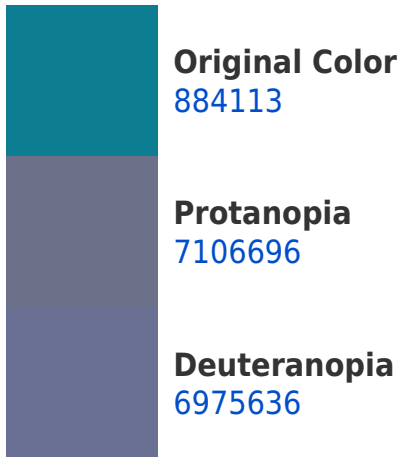


This preview shows how white text looks on a background with the Decimal color 884113.

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



Original Color
884113

Protanomaly
4814219

Deuteranomaly
4748691

Tritanomaly
360075

Monochromacy



Original Color
884113

Achromatopsia
6184542

Achromatomaly
4286833

CSS Examples

Text

The CSS property to change the color of the text to Decimal 884113 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 #0D7D91 looks like.

```
.text, #text, p{  
    color:#0D7D91  
}
```

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 #0D7D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7D91
}
```

Border

The CSS property to change the border of an element to Decimal 884113 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
#0D7D91 }
```

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

```
.border{ border-color:#0D7D91 }
```

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

Here you see how a box with a 4 pixel #0D7D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7D91; -webkit-box-shadow:4px 4px  
4px 4px #0D7D91; box-shadow:4px 4px 4px  
4px #0D7D91 }
```

Background

The CSS property to change the background color of an element to Decimal 884113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7D91 }
```

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

```
.background{ background-color:#0D7D91 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor