

Converting Colors

Decimal(875900)

Have a look what the booklet for
Decimal(875900) contains.

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Color

Decimal(875900)

Conversions

Conversions Part 1

Format	Color
Hex	0D5D7C
RGB	13, 93, 124
RGB Percent	5%, 36%, 49%
CMY	0.9490, 0.6353, 0.5137
CMYK	0.90, 0.25, 0.00, 0.51
HSL	197°, 81%, 27%
HSV	197°, 90%, 49%
XYZ	7.7184, 9.3695, 20.4705
YIQ	72.6140, -57.6310, -7.3190

Conversions

Conversions Part 2

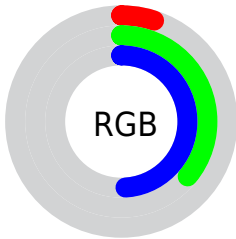
Format	Color
RYB	13, 59, 124
Decimal	875900
CIELab	36.69, -10.57, -23.74
CIELCh	37, 25.985, 245.986
Yxy	9.3695, 0.2055, 0.2495
Android (android.graphics.Color)	4279065980 (0xFF0D5D7C)
YUV	72.6140, 25.3333, -52.2815
Hunter-Lab	30.6096, -8.5569, -18.2240

Details

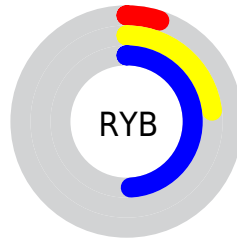
The Decimal color **875900** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8137741**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **5279665**, and **12107** is the 20% darker color. If you saturate the color by 10%, you get **88700**, and if you desaturate by 10%, it is **1663100**.

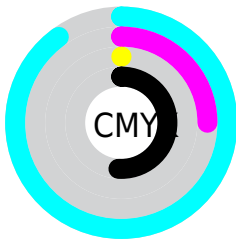
Distribution



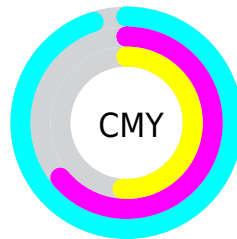
- Red (5%)
- Green (36%)
- Blue (49%)



- Red (5%)
- Yellow (23%)
- Blue (49%)



- Cyan (90%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 875900 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 875900 by changing the saturation by 10% instead.

875900 875900

16777215 17763

5279665 12107

7121612 6964

8963560 543

10805759 2

12713727 0

14614527

16515071

875900 875900

■ 88700

■ 1663100

■ 22908

■ 2516092

■ 3303292

■ 4156284

■ 4943484

■ 5730940

■ 6583676

■ 7371132

■ 8223868

Harmonies

Analogous

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



24686



875900



4020096

Triad

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



875900



8275539



4807732

Complementary

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



875900



8137741

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.



6313516



875900



8144959

Square

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



875900



7620712



7425840



3104837

Rectangle

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



875900



5526140



7425840



5331760

Sweetspot

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



875900



7706017



883755



3623506



13750737



5395026

Same Dimension

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



875900



29857



862076



3619645



23165



46844

Inverse Universe

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



8129885



10551412



8151565



4011835



8192090



16515254

Previews

White Background



This preview shows how the Decimal color 875900 looks on a white background.

Color Contrast Check

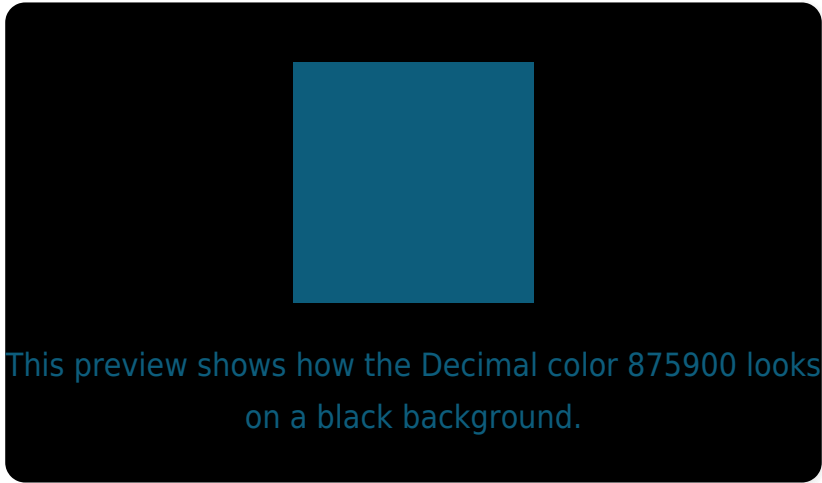
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

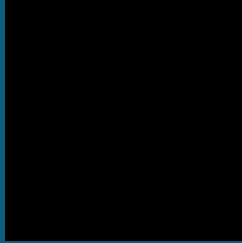
Any Text WCAG AA × Fail

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 875900 Background



This preview shows how black text looks on a background with the Decimal color 875900.

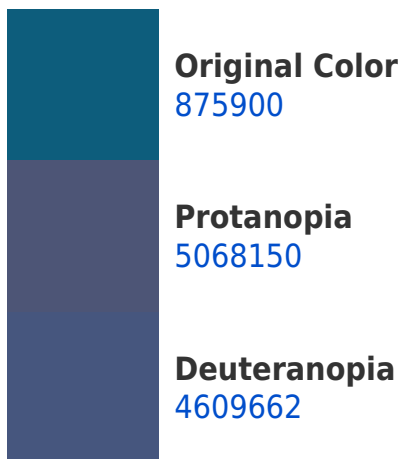


This preview shows how white text looks on a background with the Decimal color 875900.

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
24679

Trichromacy



Original Color
875900

Protanomaly
3561592

Deuteranomaly
3234173

Tritanomaly
352111

Monochromacy



Original Color
875900

Achromatopsia
4802889

Achromatomaly
3362908

CSS Examples

Text

The CSS property to change the color of the text to Decimal 875900 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 #0D5D7C looks like.

```
.text, #text, p{  
    color:#0D5D7C  
}
```

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 #0D5D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5D7C
}
```

Border

The CSS property to change the border of an element to Decimal 875900 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
#0D5D7C }
```

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

```
.border{ border-color:#0D5D7C }
```

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

Here you see how a box with a 4 pixel #0D5D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5D7C; -webkit-box-shadow:4px 4px  
4px 4px #0D5D7C; box-shadow:4px 4px 4px  
4px #0D5D7C }
```

Background

The CSS property to change the background color of an element to Decimal 875900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5D7C }
```

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

```
.background{ background-color:#0D5D7C }
```

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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