

Converting Colors

Decimal(876410)

Have a look what the booklet for
Decimal(876410) contains.

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Color

Decimal(876410)

Conversions

Conversions Part 1

Format	Color
Hex	0D5F7A
RGB	13, 95, 122
RGB Percent	5%, 37%, 48%
CMY	0.9490, 0.6275, 0.5216
CMYK	0.89, 0.22, 0.00, 0.52
HSL	195°, 81%, 26%
HSV	195°, 89%, 48%
XYZ	7.7710, 9.6751, 19.8703
YIQ	73.5600, -57.5390, -8.9870

Conversions

Conversions Part 2

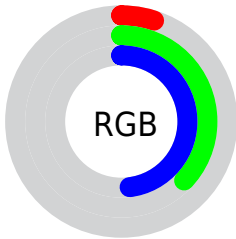
Format	Color
RYB	13, 60, 122
Decimal	876410
CIELab	37.25, -12.53, -21.63
CIElCh	37, 24.993, 239.921
Yxy	9.6751, 0.2082, 0.2593
Android (android.graphics.Color)	4279066490 (0xFF0D5F7A)
YUV	73.5600, 23.8809, -53.1111
Hunter-Lab	31.1049, -9.8382, -16.1020

Details

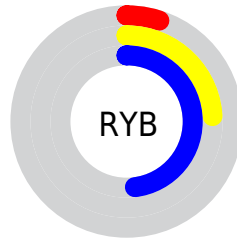
The Decimal color **876410** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8005645**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5280175**, and **12617** is the 20% darker color. If you saturate the color by 10%, you get **89210**, and if you desaturate by 10%, it is **1663610**.

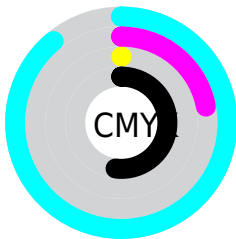
Distribution



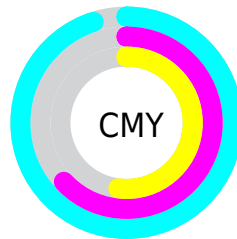
- Red (5%)
- Green (37%)
- Blue (48%)



- Red (5%)
- Yellow (24%)
- Blue (48%)



- Cyan (89%)
- Magenta (22%)
- Yellow (0%)
- Black (52%)



- Cyan (95%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 876410 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 876410 by changing the saturation by 10% instead.



876410



876410

16777215



18273



5280175



12617



7122122



7474



8964070



542



10806271



0



12648447



14548991



16515071



876410



876410

■ 89210

■ 1663610

■ 23674

■ 2450810

■ 3303546

■ 4090746

■ 4877946

■ 5665146

■ 6452346

■ 7305082

■ 8092282

Harmonies

Analogous

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



25195



876410



3758720

Triad

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



876410



8210520



5266484

Complementary

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



876410



8005645

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.



6641199



876410



8276293

Square

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



876410



7424876



7687989



3694659

Rectangle

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



876410



5264765



7687989



5724977

Sweetspot

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



876410



7574686



883238



3557711



13619151



5197647

Same Dimension

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



876410



30622



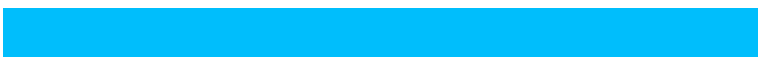
862842



3619901



24189



48892

Inverse Universe

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



7998815



10354807



8019213



4011836



8192094



16515262

Previews

White Background



This preview shows how the Decimal color 876410 looks on a white background.

Color Contrast Check

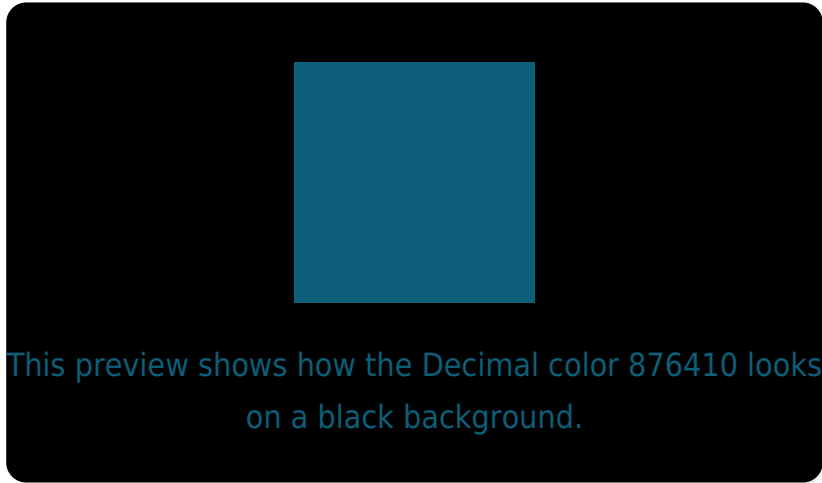
Large Text (above 18pt) WCAG AA ✓ Pass

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

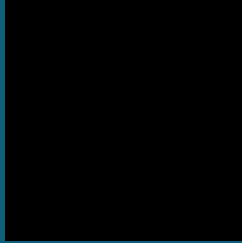
Any Text WCAG AA × Fail

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 876410 Background



This preview shows how black text looks on a background with the Decimal color 876410.

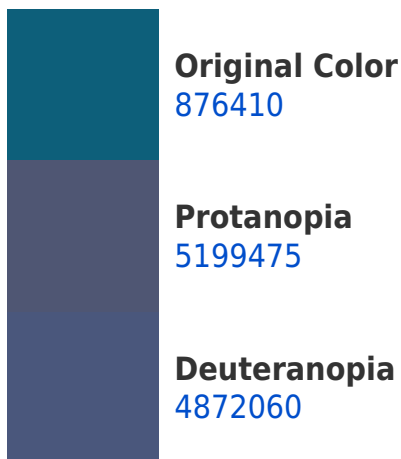


This preview shows how white text looks on a background with the Decimal color 876410.

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](#).

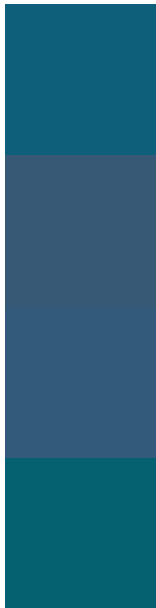
Dichromacy





Tritanopia
24937

Trichromacy



Original Color
876410

Protanomaly
3627382

Deuteranomaly
3431035

Tritanomaly
352367

Monochromacy



Original Color
876410

Achromatopsia
4868682

Achromatomaly
3428955

CSS Examples

Text

The CSS property to change the color of the text to Decimal 876410 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 #0D5F7A looks like.

```
.text, #text, p{  
  color:#0D5F7A  
}
```

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 #0D5F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5F7A
}
```

Border

The CSS property to change the border of an element to Decimal 876410 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
#0D5F7A }
```

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

```
.border{ border-color:#0D5F7A }
```

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

Here you see how a box with a 4 pixel #0D5F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5F7A; -webkit-box-shadow:4px 4px  
4px 4px #0D5F7A; box-shadow:4px 4px 4px  
4px #0D5F7A }
```

Background

The CSS property to change the background color of an element to Decimal 876410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5F7A }
```

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

```
.background{ background-color:#0D5F7A }
```

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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