

Converting Colors

Decimal(872016)

Have a look what the booklet for
Decimal(872016) contains.

Decimal(872016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(872016)

Conversions

Conversions Part 1

Format	Color
Hex	0D4E50
RGB	13, 78, 80
RGB Percent	5%, 31%, 31%
CMY	0.9490, 0.6941, 0.6863
CMYK	0.84, 0.02, 0.00, 0.69
HSL	182°, 72%, 18%
HSV	182°, 84%, 31%
XYZ	4.3383, 6.1135, 8.5408
YIQ	58.7930, -39.3820, -13.1580

Conversions

Conversions Part 2

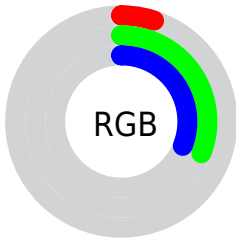
Format	Color
R_{YB}	13, 46, 80
Decimal	872016
CIE _{Lab}	29.70, -18.28, -6.83
CIE _{LCh}	30, 19.514, 200.474
Yxy	6.1135, 0.2284, 0.3219
Android (android.graphics.Color)	4279062096 (0xFF0D4E50)
YUV	58.7930, 10.4551, -40.1605
Hunter-Lab	24.7256, -11.9502, -3.1723

Details

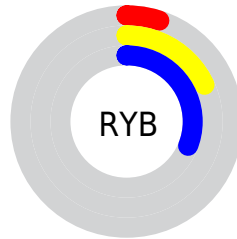
The Decimal color **872016** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5246733**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **4620161**, and **8484** is the 20% darker color. If you saturate the color by 10%, you get **347728**, and if you desaturate by 10%, it is **1396304**.

Distribution



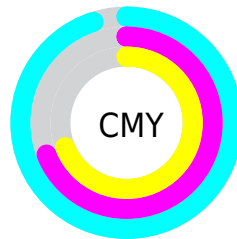
- Red (5%)
- Green (31%)
- Blue (31%)



- Red (5%)
- Yellow (18%)
- Blue (31%)



- Cyan (84%)
- Magenta (2%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 872016 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 872016 by changing the saturation by 10% instead.



872016



872016

16777215



14137



4620161



8484



6330779



271



8041654



0



9818322



11660526



13500415



15400959



872016



872016

■ 347728

■ 1396304

■ 20048

■ 1920592

■ 2445136

■ 2969424

■ 3493712

■ 4018000

■ 4542544

■ 5066832

■ 5591120

Harmonies

Analogous

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



2182720



872016



1002589

Triad

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



872016



5520985



5522216

Complementary

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



872016



5246733

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.



6241839



872016



6306635

Square

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



872016



4277346



6568764



4605993

Rectangle

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



872016



2050658



6568764



5784106

Sweetspot

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



872016



5138537



872462



2438454



11908533



3552822

Same Dimension

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



872016



25961



863568



2435369



57832

Inverse Universe

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



5246286



6881381



5255181



2696489



15204577

Previews

White Background



This preview shows how the Decimal color 872016 looks on a white background.

Color Contrast Check

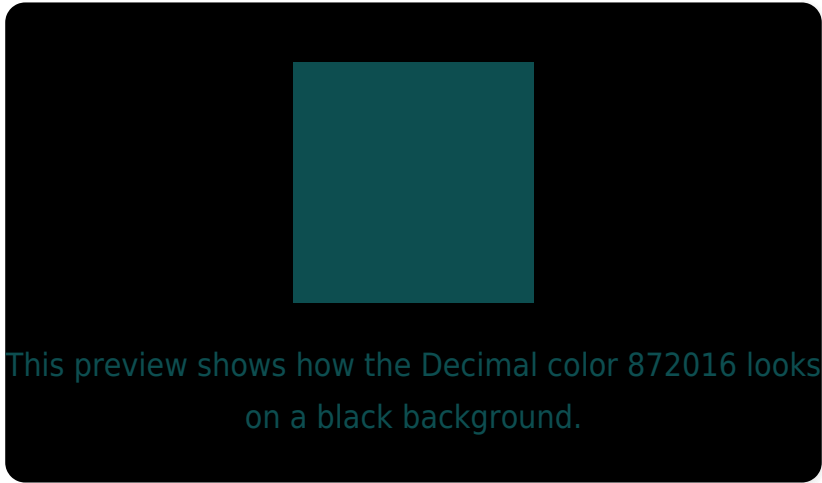
Large Text (above 18pt) WCAG AA ✓ Pass

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

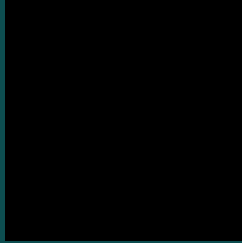
Any Text WCAG AA × Fail

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 872016 Background



This preview shows how black text looks on a background with the Decimal color 872016.

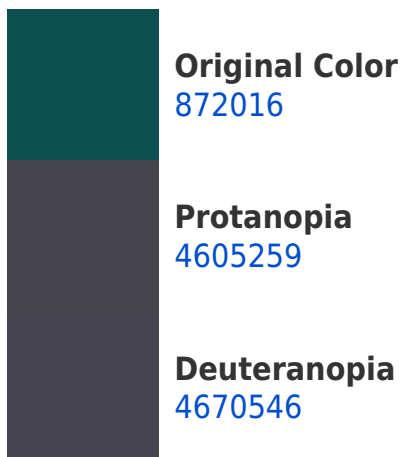



This preview shows how white text looks on a background with the Decimal color 872016.

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
1133908

Trichromacy



Original Color
872016

Protanomaly
3229773

Deuteranomaly
3295313

Tritanomaly
1068371

Monochromacy



Original Color
872016

Achromatopsia
3881787

Achromatomaly
2769475

CSS Examples

Text

The CSS property to change the color of the text to Decimal 872016 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 #0D4E50 looks like.

```
.text, #text, p{  
    color:#0D4E50  
}
```

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 #0D4E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4E50
}
```

Border

The CSS property to change the border of an element to Decimal 872016 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
#0D4E50 }
```

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

```
.border{ border-color:#0D4E50 }
```

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

Here you see how a box with a 4 pixel #0D4E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4E50; -webkit-box-shadow:4px 4px  
4px 4px #0D4E50; box-shadow:4px 4px 4px  
4px #0D4E50 }
```

Background

The CSS property to change the background color of an element to Decimal 872016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4E50 }
```

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

```
.background{ background-color:#0D4E50 }
```

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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