

Converting Colors

Decimal(800585)

Have a look what the booklet for
Decimal(800585) contains.

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Color

Decimal(800585)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0C3749 |
| RGB | 12, 55, 73 |
| RGB Percent | 5%, 22%, 29% |
| CMY | 0.9529, 0.7843, 0.7137 |
| CMYK | 0.84, 0.25, 0.00, 0.71 |
| HSL | 198°, 72%, 17% |
| HSV | 198°, 84%, 29% |
| XYZ | 2.7204, 3.2916, 6.7953 |
| YIQ | 44.1950, -31.4060, -3.5180 |

Conversions

Conversions Part 2

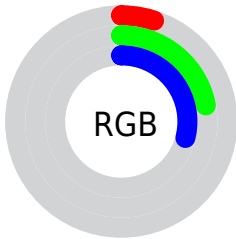
| Format | Color |
|-------------------------------------|--|
| RYB | 12, 37, 73 |
| Decimal | 800585 |
| CIELab | 21.18, -7.30, -15.24 |
| CIElCh | 21, 16.892, 244.413 |
| Yxy | 3.2916, 0.2124, 0.2570 |
| Android (android.graphics.Color) | 4278990665 (0xFF0C3749) |
| YUV | 44.1950, 14.2009, -28.2350 |
| Hunter-Lab | 18.1427, -4.9846, -9.5070 |

Details

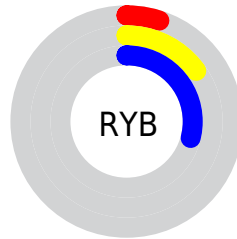
The Decimal color **800585** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4791820**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **4286074**, and **2590** is the 20% darker color. If you saturate the color by 10%, you get **341321**, and if you desaturate by 10%, it is **1259849**.

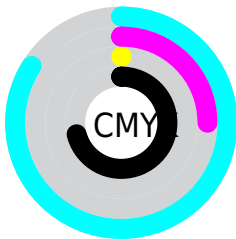
Distribution



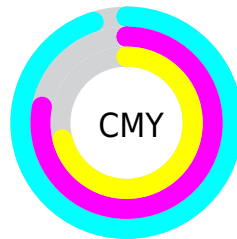
- Red (5%)
- Green (22%)
- Blue (29%)



- Red (5%)
- Yellow (15%)
- Blue (29%)



- Cyan (84%)
- Magenta (25%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 800585 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 800585 by changing the saturation by 10% instead.



800585



800585

16777215



8754



4286074



2590



5930899



0



7641518



9352137



11194342



12971007



14876671



800585



800585

■ 341321

■ 1259849

■ 13129

■ 1784649

■ 2243913

■ 2703433

■ 3228233

■ 3687497

■ 4146761

■ 4606025

■ 5130825

Harmonies

Analogous

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



14657



800585



2372428

Triad

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



800585



4925745



2897438

Complementary

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



800585



4791820

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.



3748634



800585



4860709

Square

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



800585



4467518



4468253



1915176

Rectangle

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



800585



3223625



4468253



3224860

Sweetspot

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



800585



4675422



805149



2239536



11579568



3158064

Same Dimension

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



800585



17246



792905



2106148



18019



41187

Inverse Universe

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



4787255



6160451



4799500



2367523



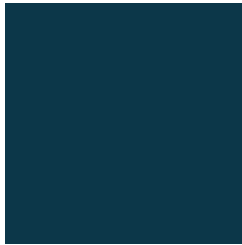
6488134



14876832

Previews

White Background



This preview shows how the Decimal color 800585 looks on a white background.

Color Contrast Check

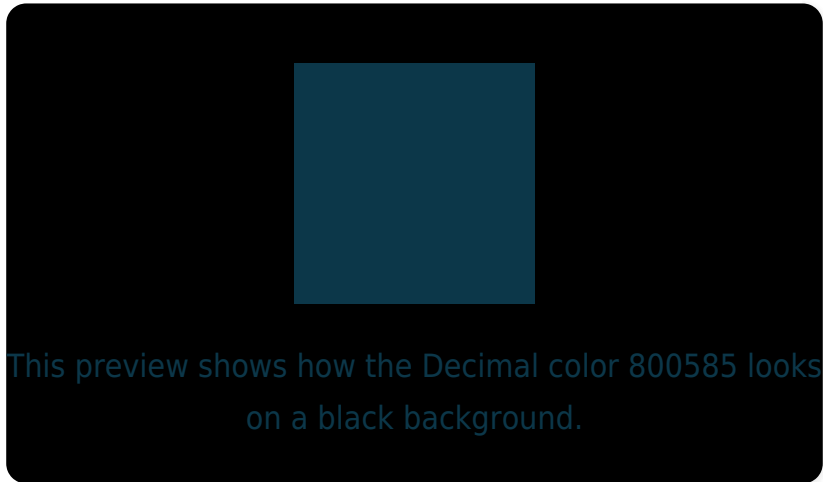
Large Text (above 18pt) WCAG AA ✓ Pass

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

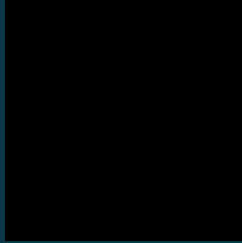
Any Text WCAG AA × Fail

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 800585 Background



This preview shows how black text looks on a background with the Decimal color 800585.



This preview shows how white text looks on a background with the Decimal color 800585.

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



Original Color
800585

Protanopia
3027525

Deuteranopia
2765642



Tritanopia
14653

Trichromacy



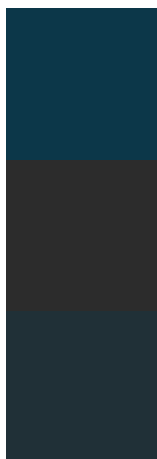
Original Color
800585

Protanomaly
2241606

Deuteranomaly
2045002

Tritanomaly
276545

Monochromacy



Original Color
800585

Achromatopsia
2894892

Achromatomaly
2109495

CSS Examples

Text

The CSS property to change the color of the text to Decimal 800585 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 #0C3749 looks like.

```
.text, #text, p{  
    color:#0C3749  
}
```

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 #0C3749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3749
}
```

Border

The CSS property to change the border of an element to Decimal 800585 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
#0C3749 }
```

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

```
.border{ border-color:#0C3749 }
```

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

Here you see how a box with a 4 pixel #0C3749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3749; -webkit-box-shadow:4px 4px  
4px 4px #0C3749; box-shadow:4px 4px 4px  
4px #0C3749 }
```

Background

The CSS property to change the background color of an element to Decimal 800585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3749 }
```

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

```
.background{ background-color:#0C3749 }
```

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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