

Converting Colors

Decimal(873585)

Have a look what the booklet for
Decimal(873585) contains.

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Color

Decimal(873585)

Conversions

Conversions Part 1

Format	Color
Hex	0D5471
RGB	13, 84, 113
RGB Percent	5%, 33%, 44%
CMY	0.9490, 0.6706, 0.5569
CMYK	0.88, 0.26, 0.00, 0.56
HSL	197°, 79%, 25%
HSV	197°, 88%, 44%
XYZ	6.3169, 7.6185, 16.7604
YIQ	66.0770, -51.6250, -6.0330

Conversions

Conversions Part 2

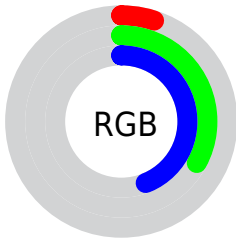
Format	Color
R_{YB}	13, 55, 113
Decimal	873585
CIE _{Lab}	33.18, -9.43, -22.40
CIE _{LCh}	33, 24.305, 247.168
Yxy	7.6185, 0.2058, 0.2482
Android (android.graphics.Color)	4279063665 (0xFF0D5471)
YUV	66.0770, 23.1330, -46.5485
Hunter-Lab	27.6016, -7.4510, -16.6813

Details

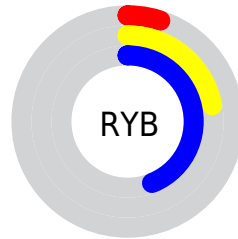
The Decimal color **873585** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7416333**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **5080741**, and **10049** is the 20% darker color. If you saturate the color by 10%, you get **151921**, and if you desaturate by 10%, it is **1595249**.

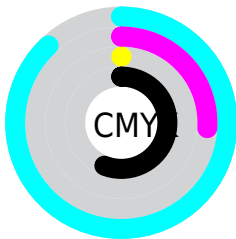
Distribution



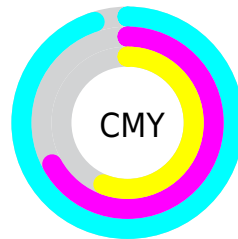
- Red (5%)
- Green (33%)
- Blue (44%)



- Red (5%)
- Yellow (22%)
- Blue (44%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 873585 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 873585 by changing the saturation by 10% instead.

873585 873585

16777215 15704

5080741 10049

6856896 4907

8698844 278

10475257 0

12383231

14221311

16187391

873585 873585

■ 151921

■ 1595249

■ 20593

■ 2382705

■ 3104369

■ 3826033

■ 4613233

■ 5335153

■ 6056817

■ 6778481

■ 7565681

Harmonies

Analogous

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



22373



873585



3690100

Triad

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



873585



7552842



4281391

Complementary

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



873585



7416333

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.



5656103



873585



7422264

Square

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



873585



6963549



6703147



2709310

Rectangle

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



873585



5065328



6703147



4739627

Sweetspot

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



873585



7112852



880937



3294026



13224393



4868682

Same Dimension

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



873585



27028



861041



3290680



21880



45303

Inverse Universe

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



7408980



9699433



7428877



3682870



7864405



16187568

Previews

White Background



This preview shows how the Decimal color 873585 looks on a white background.

Color Contrast Check

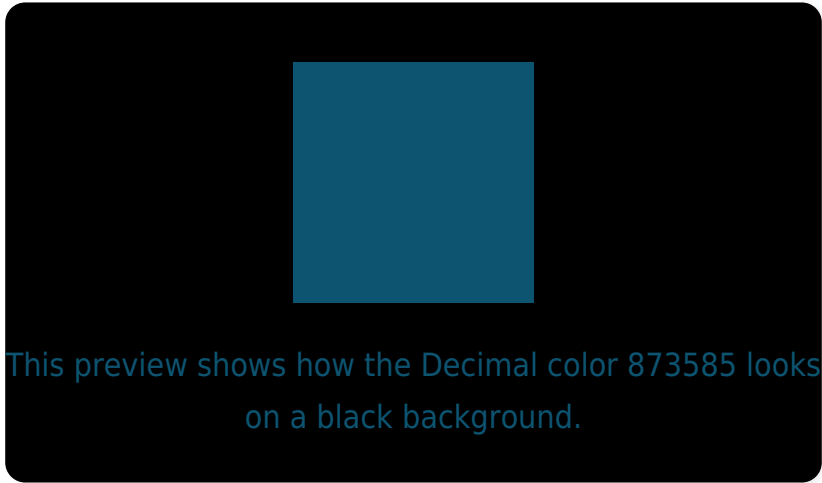
Large Text (above 18pt) WCAG AA ✓ Pass

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

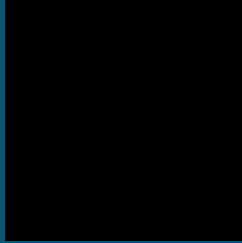
Any Text WCAG AA × Fail

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 873585 Background



This preview shows how black text looks on a background with the Decimal color 873585.

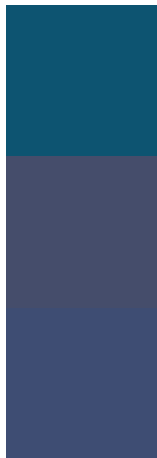


This preview shows how white text looks on a background with the Decimal color 873585.

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
873585

Protanopia
4541803

Deuteranopia
4083059

Trichromacy



Original Color
873585

Protanomaly
3231853

Deuteranomaly
2904178

Monochromacy



Original Color
873585

Achromatopsia
4342338

Achromatomaly
3098963

CSS Examples

Text

The CSS property to change the color of the text to Decimal 873585 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 #0D5471 looks like.

```
.text, #text, p{  
    color:#0D5471  
}
```

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 #0D5471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5471
}
```

Border

The CSS property to change the border of an element to Decimal 873585 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
#0D5471 }
```

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

```
.border{ border-color:#0D5471 }
```

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

Here you see how a box with a 4 pixel #0D5471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5471; -webkit-box-shadow:4px 4px  
4px 4px #0D5471; box-shadow:4px 4px 4px  
4px #0D5471 }
```

Background

The CSS property to change the background color of an element to Decimal 873585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5471 }
```

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

```
.background{ background-color:#0D5471 }
```

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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