

# Converting Colors

Decimal(803946)

Have a look what the booklet for  
Decimal(803946) contains.

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# Color

**Decimal(803946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C446A
RGB	12, 68, 106
RGB Percent	5%, 27%, 42%
CMY	0.9529, 0.7333, 0.5843
CMYK	0.89, 0.36, 0.00, 0.58
HSL	204°, 80%, 23%
HSV	204°, 89%, 42%
XYZ	4.8203, 5.2530, 14.3955
YIQ	55.5880, -45.5740, -0.0540

# Conversions

## Conversions Part 2

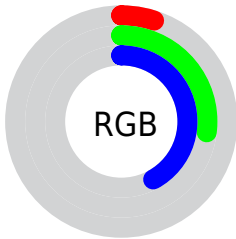
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 47, 106
Decimal	803946
CIELab	27.44, -2.18, -26.98
CIELCh	27, 27.072, 265.375
Yxy	5.2530, 0.1970, 0.2147
Android (android.graphics.Color)	4278994026 (0xFF0C446A)
YUV	55.5880, 24.8531, -38.2267
Hunter-Lab	22.9195, -2.5682, -21.1960

# Details

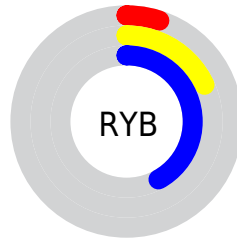
The Decimal color **803946** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6959628**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **4879518**, and **6714** is the 20% darker color. If you saturate the color by 10%, you get **82026**, and if you desaturate by 10%, it is **1525866**.

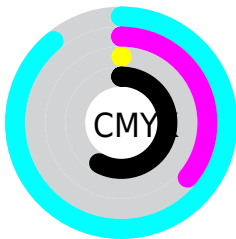
# Distribution



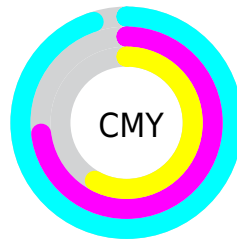
- Red (5%)
- Green (27%)
- Blue (42%)



- Red (5%)
- Yellow (18%)
- Blue (42%)



- Cyan (89%)
- Magenta (36%)
- Yellow (0%)
- Black (58%)



- Cyan (95%)
- Magenta (73%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 803946 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 803946 by changing the saturation by 10% instead.





803946



803946

16777215



11858



4879518



6714



6655417



549



8431828



269



10208241



0



12050431



13958143



15859711



803946



803946

■ 82026

■ 1525866

■ 16234

■ 2182506

■ 2904426

■ 3560810

■ 4282730

■ 5004906

■ 5661290

■ 6383210

■ 7039850

# Harmonies

## Analogous

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



18787



803946



4013414

# Triad

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



803946



6762544



2181416

# Complementary

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



803946



6959628

# 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.



3884314



803946



6240031

# Square

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



803946



6631237



5259030



19261

# Rectangle

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



803946



5257054



5259030



2836515



# Sweetspot

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



803946



6650762



813618



3095621



12895428



4539717



# Same Dimension

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



803946



21130



791914



3158838



18037



37621



# Inverse Universe

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



6949956



9044050



6971660



3551283



7667782



16056466



# Previews

## White Background



This preview shows how the Decimal color 803946 looks on a white background.

## Color Contrast Check

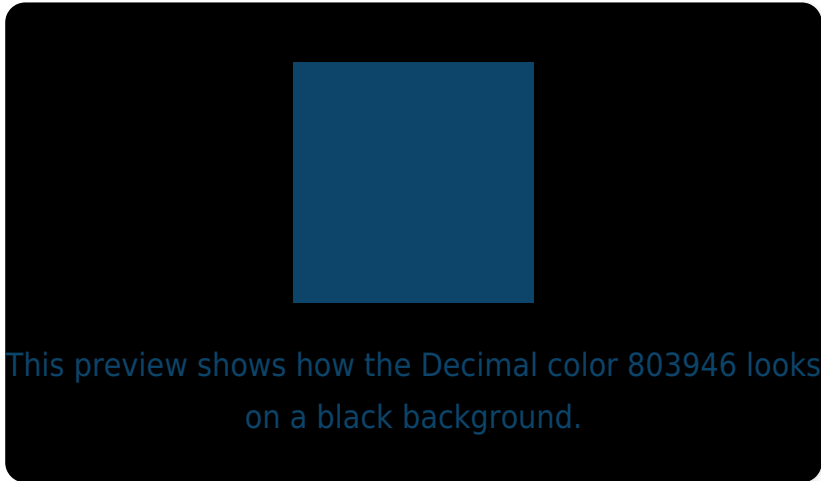
Large Text (above 18pt) WCAG AA ✓ Pass

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

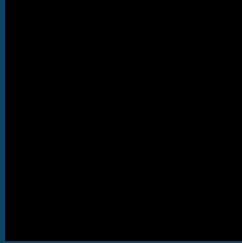
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 803946 Background



This preview shows how black text looks on a background with the Decimal color 803946.



This preview shows how white text looks on a background with the Decimal color 803946.

# 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**  
803946

**Protanopia**  
3358822

**Deuteranopia**  
2507115



# Trichromacy



**Original Color**  
803946

**Protanomaly**  
2441575

**Deuteranomaly**  
1917547

**Tritanomaly**  
280408

# Monochromacy



**Original Color**  
803946

**Achromatopsia**  
3684408

**Achromatomaly**  
2636874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 803946 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 #0C446A looks like.

```
.text, #text, p{  
    color:#0C446A  
}
```

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 #0C446A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C446A
}
```

## Border

The CSS property to change the border of an element to Decimal 803946 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
#0C446A }
```

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

```
.border{ border-color:#0C446A }
```

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

Here you see how a box with a 4 pixel #0C446A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C446A; -webkit-box-shadow:4px 4px  
4px 4px #0C446A; box-shadow:4px 4px 4px  
4px #0C446A }
```

# Background

The CSS property to change the background color of an element to Decimal 803946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C446A }
```

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

```
.background{ background-color:#0C446A }
```

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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