

# Converting Colors

Decimal(803884)

Have a look what the booklet for  
Decimal(803884) contains.

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# Color

**Decimal(803884)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 0C442C                      |
| RGB         | 12, 68, 44                  |
| RGB Percent | 5%, 27%, 17%                |
| CMY         | 0.9529, 0.7333, 0.8275      |
| CMYK        | 0.82, 0.00, 0.35, 0.73      |
| HSL         | 154°, 70%, 16%              |
| HSV         | 154°, 82%, 27%              |
| XYZ         | 2.6734, 4.3943, 3.0901      |
| YIQ         | 48.5200, -25.6720, -19.3360 |

# Conversions

## Conversions Part 2

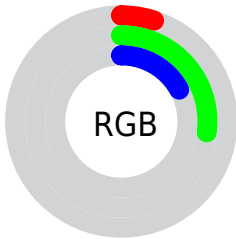
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 12, 48, 68                    |
| Decimal                             | 803884                        |
| CIE <sub>Lab</sub>                  | 24.93, -24.38, 9.57           |
| CIE <sub>LCh</sub>                  | 25, 26.193, 158.569           |
| Yxy                                 | 4.3943, 0.2632,<br>0.4326     |
| Android<br>(android.graphics.Color) | 4278993964<br>(0xFF0C442C)    |
| YUV                                 | 48.5200, -2.2284,<br>-32.0280 |
| Hunter-Lab                          | 20.9625, -13.9201,<br>5.9336  |

# Details

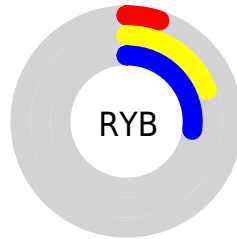
The Decimal color **803884** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4459556**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4224346**, and **6656** is the 20% darker color. If you saturate the color by 10%, you get **345129**, and if you desaturate by 10%, it is **1262639**.

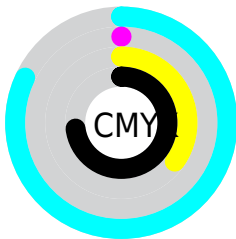
# Distribution



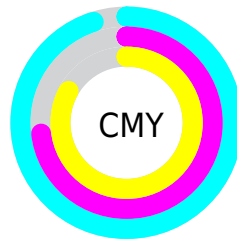
- Red (5%)
- Green (27%)
- Blue (17%)



- Red (5%)
- Yellow (19%)
- Blue (27%)



- Cyan (82%)
- Magenta (0%)
- Yellow (35%)
- Black (73%)



- Cyan (95%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 803884 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 803884 by changing the saturation by 10% instead.





803884



803884



16646143



11543



4224346



6656



5869426



0



7580044



9291174



11067841



12910045



14745594



803884



803884

■ 345129

■ 1262639

■ 17447

■ 1721394

■ 2114613

■ 2573368

■ 3032123

■ 3490877

■ 3949632

■ 4342851

■ 4801606

# Harmonies

## Analogous

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



2900251



803884



17728

# Triad

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



803884



2243426



6106660

# Complementary

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



803884



4459556

# 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.



6302262



803884



4469850

# Square

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



803884



16736



5778506



5387542

# Rectangle

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



803884



17741



5778506



6237225



# Sweetspot

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



803884



4413776



2376716



2108968



11382189



3026478



# Same Dimension

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



803884



88371



802884



1974560



24887



57472



# Inverse Universe

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



4459556



5832999



4460556



2170399



6357034

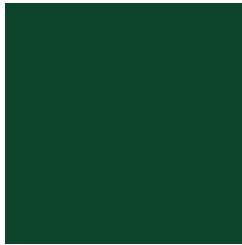


14680160



# Previews

## White Background



This preview shows how the Decimal color 803884 looks on a white background.

## Color Contrast Check

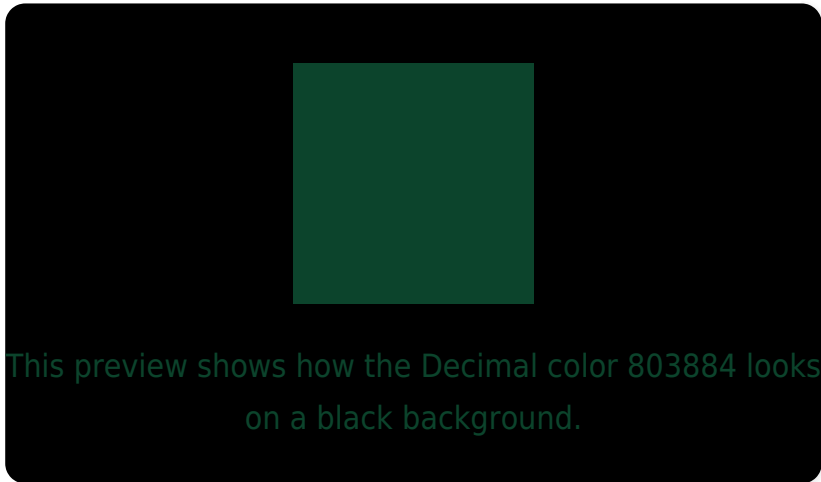
Large Text (above 18pt) WCAG AA ✓ Pass

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

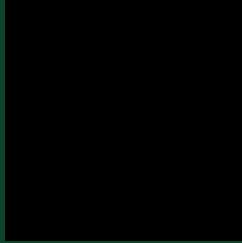
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 803884 Background



This preview shows how black text looks on a background with the Decimal color 803884.



This preview shows how white text looks on a background with the Decimal color 803884.

# 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**  
803884

**Protanopia**  
4209448

**Deuteranopia**  
4536623



**Tritanopia**  
1720646

# Trichromacy



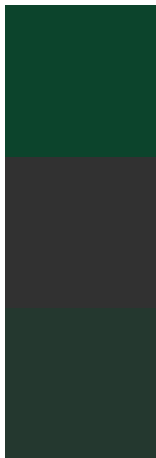
**Original Color**  
803884

**Protanomaly**  
2965033

**Deuteranomaly**  
3161390

**Tritanomaly**  
1393213

# Monochromacy



**Original Color**  
803884

**Achromatopsia**  
3223857

**Achromatomaly**  
2373679

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 803884 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 #0C442C looks like.

```
.text, #text, p{  
    color:#0C442C  
}
```

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 #0C442C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C442C
}
```

## Border

The CSS property to change the border of an element to Decimal 803884 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
#0C442C }
```

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

```
.border{ border-color:#0C442C }
```

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

Here you see how a box with a 4 pixel #0C442C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C442C; -webkit-box-shadow:4px 4px  
4px 4px #0C442C; box-shadow:4px 4px 4px  
4px #0C442C }
```

# Background

The CSS property to change the background color of an element to Decimal 803884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C442C }
```

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

```
.background{ background-color:#0C442C }
```

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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