

# Converting Colors

Decimal(533802)

Have a look what the booklet for  
Decimal(533802) contains.

<b>Decimal(533802)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(533802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08252A
RGB	8, 37, 42
RGB Percent	3%, 15%, 16%
CMY	0.9686, 0.8549, 0.8353
CMYK	0.81, 0.12, 0.00, 0.84
HSL	189°, 68%, 10%
HSV	189°, 81%, 16%
XYZ	1.1796, 1.5419, 2.4259
YIQ	28.8990, -18.8890, -4.5930

# Conversions

## Conversions Part 2

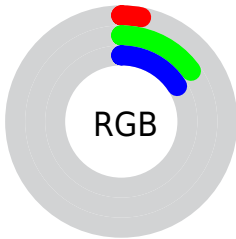
Format	Color
<a href="#">RYB</a>	<a href="#">8, 24, 42</a>
Decimal	<a href="#">533802</a>
CIELab	<a href="#">12.87, -8.69, -6.50</a>
CIELCh	<a href="#">13, 10.847, 216.803</a>
Yxy	<a href="#">1.5419, 0.2292, 0.2995</a>
Android (android.graphics.Color)	<a href="#">4278723882</a> (0xFF08252A)
YUV	<a href="#">28.8990, 6.4588, -18.3284</a>
Hunter-Lab	<a href="#">12.4174, -4.7735, -2.8910</a>

# Details

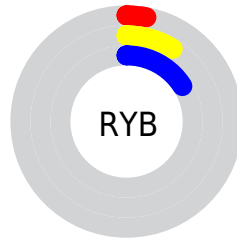
The Decimal color **533802** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2755848**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **3560023**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **271402**, and if you desaturate by 10%, it is **796202**.

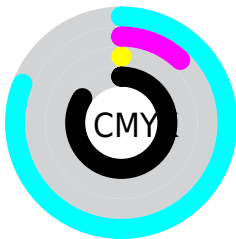
# Distribution



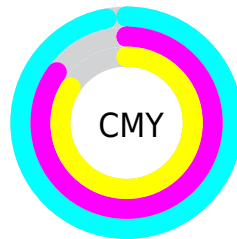
- Red (3%)
- Green (15%)
- Blue (16%)



- Red (3%)
- Yellow (9%)
- Blue (16%)



- Cyan (81%)
- Magenta (12%)
- Yellow (0%)
- Black (84%)



- Cyan (97%)
- Magenta (85%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 533802 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 533802 by changing the saturation by 10% instead.



■ 533802

■ 533802

■ 15663103

■ 4374

■ 3560023

■ 0

■ 5139056

■ 6783881

■ 8428963

■ 10139838

■ 11982042

■ 13758711

■ 533802

■ 533802

■ 271402

■ 796202

■ 9258

■ 1058346

■ 1386282

■ 1648426

■ 1910826

■ 2173226

■ 2435370

■ 2763306

■ 3025706

# Harmonies

## Analogous

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



730403



533802



992303

# Triad

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



533802



2890791



2433298

# Complementary

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



533802



2755848

# 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.



2826004



533802



3152928

# Square

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



533802



2367277



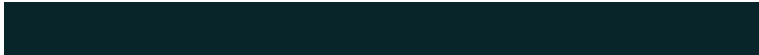
3087641



1909781

# Rectangle

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



533802



1450544



3087641



2564370



# Sweetspot

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



533802



2700342



535053



1317660



10263708

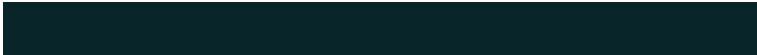


1842204



# Same Dimension

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



533802



142902



529450



1184788



18516



46548



# Inverse Universe

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



2754597



3539502



2760200



1315348



5505096

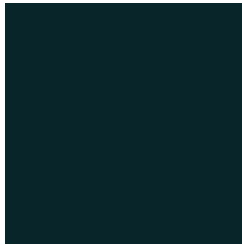


13893813



# Previews

## White Background



This preview shows how the Decimal color 533802 looks on a white background.

### Color Contrast Check

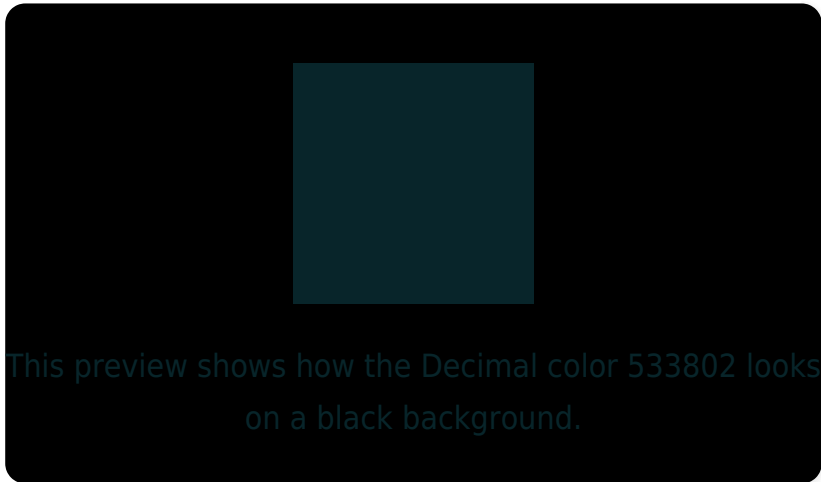
Large Text (above 18pt) WCAG AA ✓ Pass

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

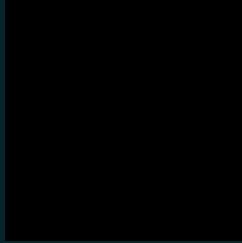
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

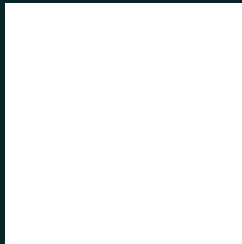
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 533802 Background



This preview shows how black text looks on a background with the Decimal color 533802.

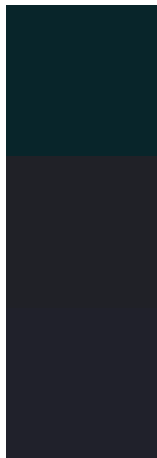


This preview shows how white text looks on a background with the Decimal color 533802.

# 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**  
533802

**Protanopia**  
2105639

**Deuteranopia**  
2105643



**Tritanopia**  
402728

# Trichromacy



**Original Color**  
533802

**Protanomaly**  
1516072

**Deuteranomaly**  
1516075

**Tritanomaly**  
468265

# Monochromacy



**Original Color**  
533802

**Achromatopsia**  
1907997

**Achromatomaly**  
1384482

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 533802 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 #08252A looks like.

```
.text, #text, p{  
    color:#08252A  
}
```

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 #08252A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08252A
}
```

## Border

The CSS property to change the border of an element to Decimal 533802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

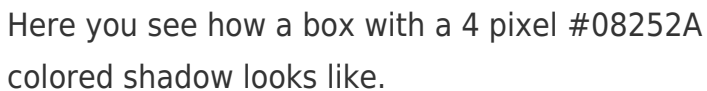
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#08252A }
```

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

```
.border{ border-color:#08252A }
```

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



Here you see how a box with a 4 pixel #08252A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08252A; -webkit-box-shadow:4px 4px  
4px 4px #08252A; box-shadow:4px 4px 4px  
4px #08252A }
```

# Background

The CSS property to change the background color of an element to Decimal 533802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08252A }
```

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

```
.background{ background-color:#08252A }
```

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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