

# Converting Colors

Decimal(863794)

Have a look what the booklet for  
Decimal(863794) contains.

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# Color

**Decimal(863794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D2E32
RGB	13, 46, 50
RGB Percent	5%, 18%, 20%
CMY	0.9490, 0.8196, 0.8039
CMYK	0.74, 0.08, 0.00, 0.80
HSL	186°, 59%, 12%
HSV	186°, 74%, 20%
XYZ	1.7187, 2.2698, 3.3652
YIQ	36.5890, -20.9520, -5.7520

# Conversions

## Conversions Part 2

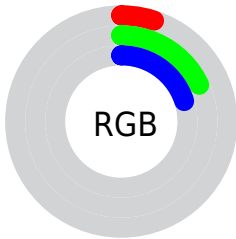
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 30, 50
Decimal	863794
CIE <sub>Lab</sub>	16.84, -10.33, -6.14
CIE <sub>LCh</sub>	17, 12.017, 210.707
Yxy	2.2698, 0.2337, 0.3087
Android (android.graphics.Color)	4279053874 (0xFF0D2E32)
YUV	36.5890, 6.6116, -20.6876
Hunter-Lab	15.0660, -6.0026, -2.6968

# Details

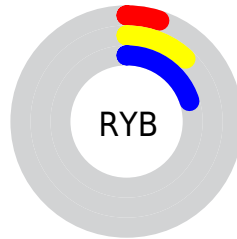
The Decimal color **863794** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3281165**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **3955808**, and **2** is the 20% darker color. If you saturate the color by 10%, you get **535858**, and if you desaturate by 10%, it is **1191730**.

# Distribution



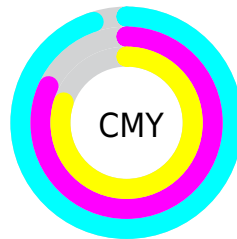
- Red (5%)
- Green (18%)
- Blue (20%)



- Red (5%)
- Yellow (12%)
- Blue (20%)



- Cyan (74%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



- Cyan (95%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 863794 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 863794 by changing the saturation by 10% instead.





863794



863794



16187391



6685



3955808



2



5535097



0



7179923



8890797



10667209



12443877



14286079



863794



863794

■ 535858

■ 1191730

■ 208178

■ 1519410

■ 11570

■ 1847346

■ 2175026

■ 2502962

■ 2830642

■ 3158578

■ 3486258

■ 3814194

# Harmonies

## Analogous

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



1191465



863794



1191224

# Triad

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



863794



3482674



3090712

# Complementary

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



863794



3281165

# 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.



3548699



863794



3810090

# Square

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



863794



2828088



3810337



2501659

# Rectangle

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



863794



1715002



3810337



3287065



# Sweetspot

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



863794



3292736



864785



1646625



10592673



2171169



# Same Dimension

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



863794



473664



859186



1513754



20569



49625



# Inverse Universe

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



3280174



4196154



3285773



1709849



5832784

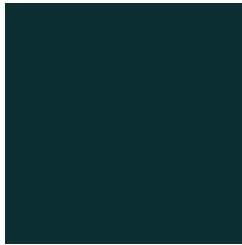


14221505



# Previews

## White Background



This preview shows how the Decimal color 863794 looks on a white background.

### Color Contrast Check

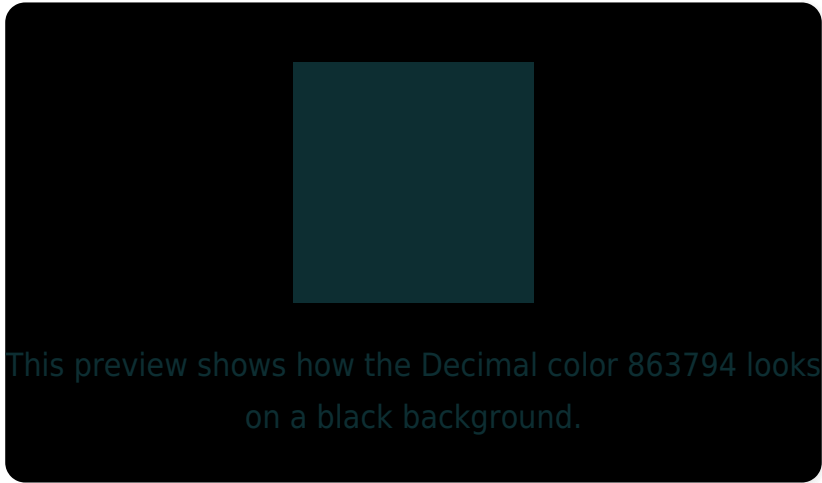
Large Text (above 18pt) WCAG AA ✓ Pass

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

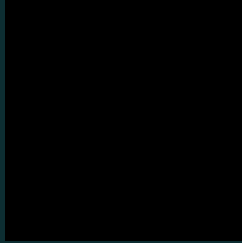
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

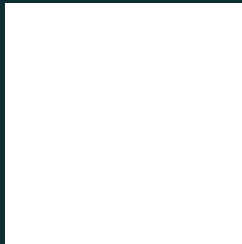
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 863794 Background



This preview shows how black text looks on a background with the Decimal color 863794.

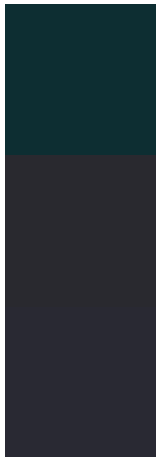


This preview shows how white text looks on a background with the Decimal color 863794.

# 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**  
863794

**Protanopia**  
2697519

**Deuteranopia**  
2697523



**Tritanopia**  
863794

# Trichromacy



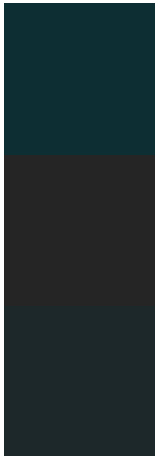
**Original Color**  
863794

**Protanomaly**  
2042672

**Deuteranomaly**  
2042675

**Tritanomaly**  
863794

# Monochromacy



**Original Color**  
863794

**Achromatopsia**  
2434341

**Achromatomaly**  
1845290

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 863794 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 #0D2E32 looks like.

```
.text, #text, p{  
  color:#0D2E32  
}
```

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 #0D2E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2E32
}
```

## Border

The CSS property to change the border of an element to Decimal 863794 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
#0D2E32 }
```

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

```
.border{ border-color:#0D2E32 }
```

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

Here you see how a box with a 4 pixel #0D2E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2E32; -webkit-box-shadow:4px 4px  
4px 4px #0D2E32; box-shadow:4px 4px 4px  
4px #0D2E32 }
```

# Background

The CSS property to change the background color of an element to Decimal 863794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2E32 }
```

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

```
.background{ background-color:#0D2E32 }
```

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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