

Converting Colors

Decimal(863310)

Have a look what the booklet for
Decimal(863310) contains.

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Color

Decimal(863310)

Conversions

Conversions Part 1

Format	Color
Hex	0D2C4E
RGB	13, 44, 78
RGB Percent	5%, 17%, 31%
CMY	0.9490, 0.8275, 0.6941
CMYK	0.83, 0.44, 0.00, 0.69
HSL	211°, 71%, 18%
HSV	211°, 83%, 31%
XYZ	2.4418, 2.4370, 7.5494
YIQ	38.6070, -29.3900, 4.0020

Conversions

Conversions Part 2

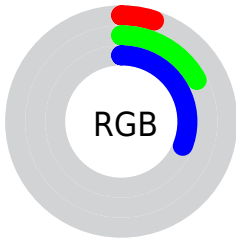
Format	Color
RYB	13, 34, 78
Decimal	863310
CIELab	17.63, 2.57, -24.18
CIELCh	18, 24.316, 276.073
Yxy	2.4370, 0.1965, 0.1961
Android (android.graphics.Color)	4279053390 (0xFF0D2C4E)
YUV	38.6070, 19.4207, -22.4573
Hunter-Lab	15.6109, 0.6015, -17.7451

Details

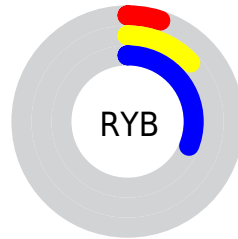
The Decimal color **863310** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5123853**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4348287**, and **545** is the 20% darker color. If you saturate the color by 10%, you get **337998**, and if you desaturate by 10%, it is **1388622**.

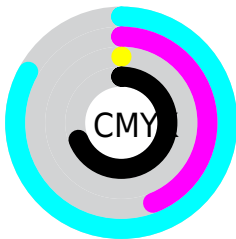
Distribution



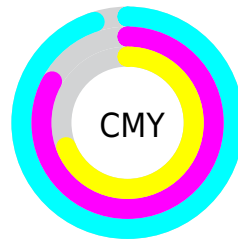
- Red (5%)
- Green (17%)
- Blue (31%)



- Red (5%)
- Yellow (13%)
- Blue (31%)



- Cyan (83%)
- Magenta (44%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 863310 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 863310 by changing the saturation by 10% instead.

■ 863310

■ 863310

16777215

■ 6199

■ 4348287

■ 545

■ 6058649

■ 7

■ 7769012

■ 0

■ 9479632

■ 11256044

■ 13098239

■ 15006207

■ 863310

■ 863310

■ 337998

■ 1388622

■ 9550

■ 1913934

■ 2373710

■ 2899022

■ 3424334

■ 3949646

■ 4475214

■ 4934990

■ 5460302

Harmonies

Analogous

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



12619



863310



3220808

Triad

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



863310



4791832



144156

Complementary

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



863310



5123853

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.



2043917



863310



4203785

Square

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



863310



4922152



3287811



13358

Rectangle

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



863310



4071487



3287811



930327

Sweetspot

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



863310



5069158



871983



2370355



11776947



3355443

Same Dimension

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



863310



12646



920910



2237478



28134

Inverse Universe

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



5115180



6684721



5066253



2499108



15073389

Previews

White Background



This preview shows how the Decimal color 863310 looks on a white background.

Color Contrast Check

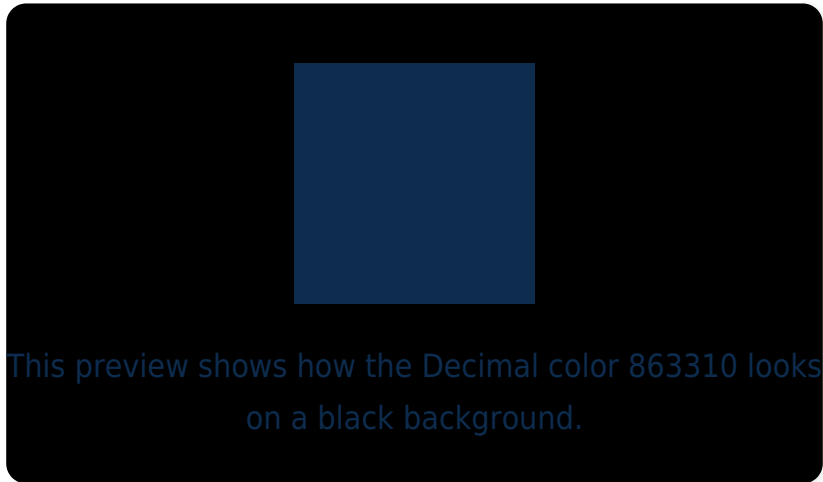
Large Text (above 18pt) WCAG AA ✓ Pass

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 863310 Background



This preview shows how black text looks on a background with the Decimal color 863310.



This preview shows how white text looks on a background with the Decimal color 863310.

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
863310

Protanopia
1845836

Deuteranopia
601166



Tritanopia
12340

Trichromacy



Original Color
863310

Protanomaly
1518413

Deuteranomaly
666702

Tritanomaly
339773

Monochromacy



Original Color
863310

Achromatopsia
2565927

Achromatomaly
1976629

CSS Examples

Text

The CSS property to change the color of the text to Decimal 863310 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 #0D2C4E looks like.

```
.text, #text, p{  
  color:#0D2C4E  
}
```

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 #0D2C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2C4E
}
```

Border

The CSS property to change the border of an element to Decimal 863310 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
#0D2C4E }
```

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

```
.border{ border-color:#0D2C4E }
```

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

Here you see how a box with a 4 pixel #0D2C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2C4E; -webkit-box-shadow:4px 4px  
4px 4px #0D2C4E; box-shadow:4px 4px 4px  
4px #0D2C4E }
```

Background

The CSS property to change the background color of an element to Decimal 863310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2C4E }
```

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

```
.background{ background-color:#0D2C4E }
```

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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