

Converting Colors

Decimal(862998)

Have a look what the booklet for
Decimal(862998) contains.

Decimal(862998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(862998)

Conversions

Conversions Part 1

Format	Color
Hex	0D2B16
RGB	13, 43, 22
RGB Percent	5%, 17%, 9%
CMY	0.9490, 0.8314, 0.9137
CMYK	0.70, 0.00, 0.49, 0.83
HSL	138°, 54%, 11%
HSV	138°, 70%, 17%
XYZ	1.1747, 1.8712, 1.0583
YIQ	31.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

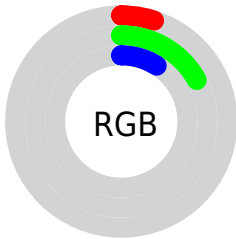
Format	Color
R_{YB}	13, 36, 43
Decimal	862998
CIE _{Lab}	14.80, -17.14, 10.41
CIE _{LCh}	15, 20.058, 148.719
Yxy	1.8712, 0.2862, 0.4559
Android (android.graphics.Color)	4279053078 (0xFF0D2B16)
YUV	31.6360, -4.7505, -16.3438
Hunter-Lab	13.6794, -8.6107, 4.9885

Details

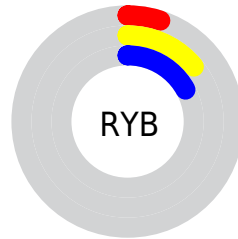
The Decimal color **862998** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2821410**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **3823937**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **600851**, and if you desaturate by 10%, it is **1125145**.

Distribution



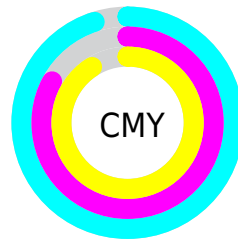
- Red (5%)
- Green (17%)
- Blue (9%)



- Red (5%)
- Yellow (14%)
- Blue (17%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (83%)



- Cyan (95%)
- Magenta (83%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 862998 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 862998 by changing the saturation by 10% instead.



862998



862998



15925240



6144



3823937



0



5402968



6982513



8693130



10404260



12180928



14023131



862998



862998

■ 600851

■ 1125145

■ 273168

■ 1452828

■ 11021

■ 1714975

■ 1977122

■ 2304805

■ 2566952

■ 2829099

■ 3091246

■ 3418929

Harmonies

Analogous

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



2107401



862998



11300

Triad

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



862998



403265



4135449

Complementary

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



862998



2821410

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.



4069670



862998



2433598

Square

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



862998



10813



3546164



3743500

Rectangle

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



862998



11310



3546164



4135197

Sweetspot

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



862998



2897968



2239245



1383447



10263708



1842204

Same Dimension

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



862998



604183



863013



1184787



21529



54335

Inverse Universe

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



2821410



3672362



2821395



1315348



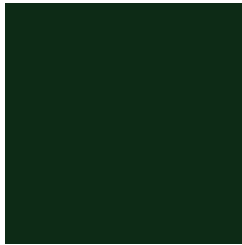
5505083



13893780

Previews

White Background



This preview shows how the Decimal color 862998 looks on a white background.

Color Contrast Check

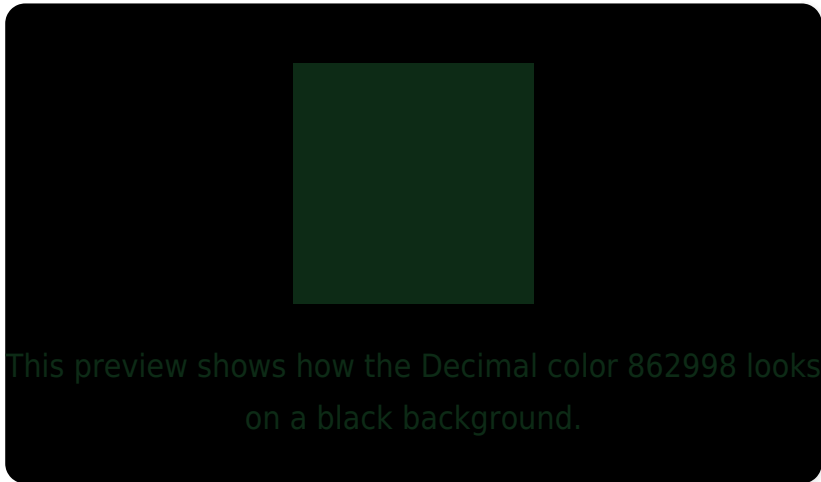
Large Text (above 18pt) WCAG AA ✓ Pass

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

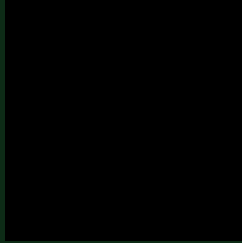
Any Text WCAG AA × Fail

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 862998 Background



This preview shows how black text looks on a background with the Decimal color 862998.



This preview shows how white text looks on a background with the Decimal color 862998.

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
862998

Protanopia
2696468

Deuteranopia
2958360



Tritanopia
1321260

Trichromacy



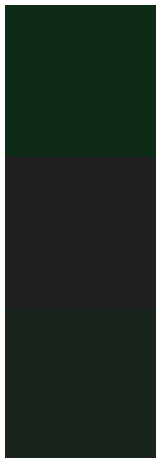
Original Color
862998

Protanomaly
2041621

Deuteranomaly
2172695

Tritanomaly
1124900

Monochromacy



Original Color
862998

Achromatopsia
2105376

Achromatomaly
1647644

CSS Examples

Text

The CSS property to change the color of the text to Decimal 862998 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 #0D2B16 looks like.

```
.text, #text, p{  
    color:#0D2B16  
}
```

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 #0D2B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2B16
}
```

Border

The CSS property to change the border of an element to Decimal 862998 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".

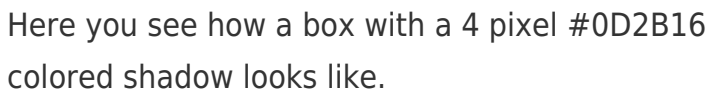
```
.border, #border, table{ border:4px solid
#0D2B16 }
```

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

```
.border{ border-color:#0D2B16 }
```

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

Here you see how a box with a 4 pixel #0D2B16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2B16; -webkit-box-shadow:4px 4px  
4px 4px #0D2B16; box-shadow:4px 4px 4px  
4px #0D2B16 }
```

Background

The CSS property to change the background color of an element to Decimal 862998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2B16 }
```

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

```
.background{ background-color:#0D2B16 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor