

Converting Colors

Decimal(856848)

Have a look what the booklet for
Decimal(856848) contains.

| | |
|--|----|
| Decimal(856848) | 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(856848)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 0D1310 |
| RGB | 13, 19, 16 |
| RGB Percent | 5%, 7%, 6% |
| CMY | 0.9490, 0.9255, 0.9373 |
| CMYK | 0.32, 0.00, 0.16, 0.93 |
| HSL | 150°, 19%, 6% |
| HSV | 150°, 32%, 7% |
| XYZ | 0.4924, 0.5887, 0.5779 |
| YIQ | 16.8640, -2.6130, -2.2050 |

Conversions

Conversions Part 2

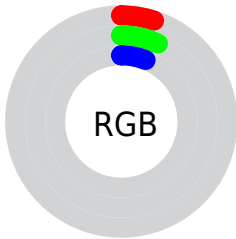
| Format | Color |
|-------------------------------------|---|
| RYB | 13, 17, 19 |
| Decimal | 856848 |
| CIELab | 5.32, -2.75, 0.90 |
| CIELCh | 5, 2.896, 161.837 |
| Yxy | 0.5887, 0.2968, 0.3549 |
| Android (android.graphics.Color) | 4279046928 (0xFF0D1310) |
| YUV | 16.8640, -0.4260, -3.3887 |
| Hunter-Lab | 7.6728, -1.9728, 0.9054 |

Details

The Decimal color **856848** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1248528**, and the grayscale version is **1118481**.

A 20% lighter version of the original color is **3685691**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **725775**, and if you desaturate by 10%, it is **987921**.

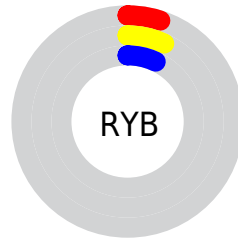
Distribution



Red (5%)

Green (7%)

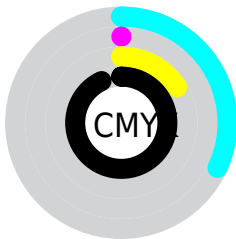
Blue (6%)



Red (5%)

Yellow (7%)

Blue (7%)

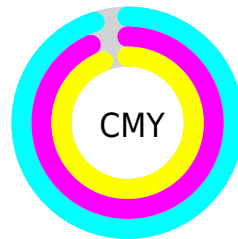


Cyan (32%)

Magenta (0%)

Yellow (16%)

Black (93%)



Cyan (95%)

Magenta (93%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 856848 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 856848 by changing the saturation by 10% instead.

■ 856848

■ 856848

■ 15594480

■ 0

■ 3685691

■ 5198930

■ 6778218

■ 8423043

■ 10133661

■ 11910072

■ 13686739

■ 856848

■ 856848

■ 725775

■ 987921

■ 594702

■ 1118994

■ 463629

■ 1250067

■ 332556

■ 1381140

■ 267019

■ 1446677

■ 135946

■ 1577750

■ 4874

■ 1708823

■ 1839896

■ 1970969

Harmonies

Analogous

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



1053454



856848



725779

Triad

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



856848



1053206



1445902

Complementary

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



856848



1248528

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.



1511441



856848



1249557

Square

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



856848



922134



1380371



1380621

Rectangle

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



856848



725780



1380371



1511439

Sweetspot

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



856848



1514008



1053453



724236



9211020



855309

Same Dimension

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



856848



1055253



856851



592394



18981



51557

Inverse Universe

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



1248528



1708053



1248525



657674



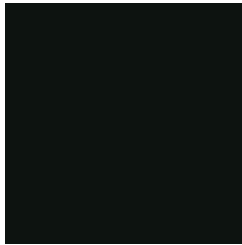
4849701



13172837

Previews

White Background



This preview shows how the Decimal color 856848 looks on a white background.

Color Contrast Check

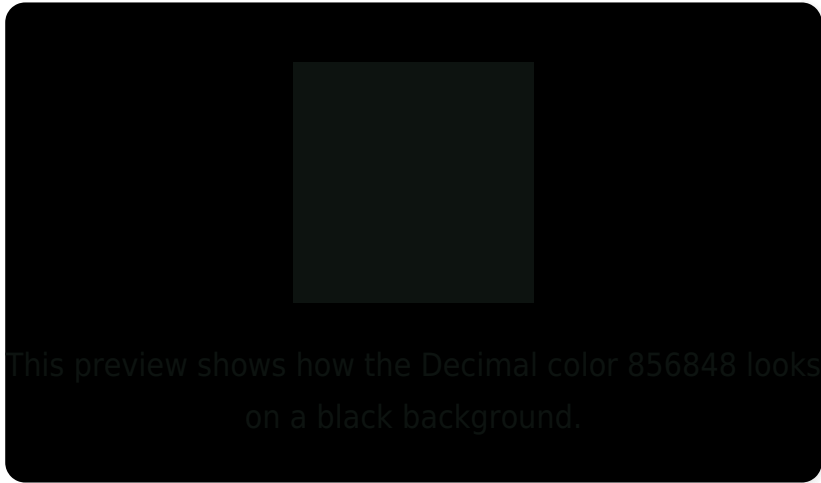
Large Text (above 18pt) WCAG AA ✓ Pass

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

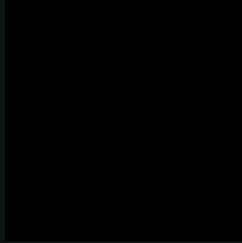
Any Text WCAG AA × Fail

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 856848 Background



This preview shows how black text looks on a background with the Decimal color 856848.

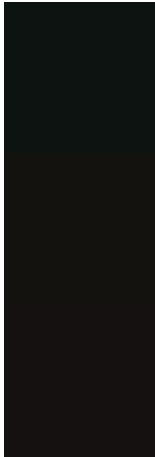


This preview shows how white text looks on a background with the Decimal color 856848.

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](#).

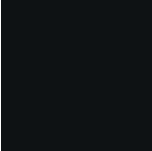
Dichromacy



Original Color
856848

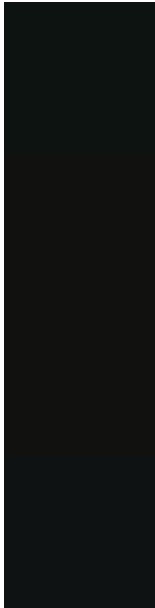
Protanopia
1249807

Deuteranopia
1315088



Tritanopia
922132

Trichromacy



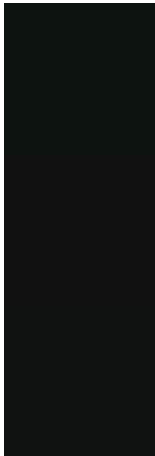
Original Color
856848

Protanomaly
1118735

Deuteranomaly
1118736

Tritanomaly
922131

Monochromacy



Original Color
856848

Achromatopsia
1118481

Achromatomaly
1053201

CSS Examples

Text

The CSS property to change the color of the text to Decimal 856848 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 #0D1310 looks like.

```
.text, #text, p{  
    color:#0D1310  
}
```

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 #0D1310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1310
}
```

Border

The CSS property to change the border of an element to Decimal 856848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

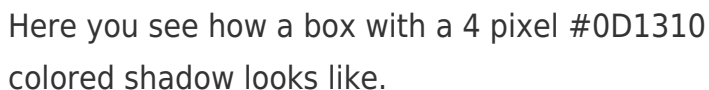
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1310 }
```

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

```
.border{ border-color:#0D1310 }
```

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



Here you see how a box with a 4 pixel #0D1310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1310; -webkit-box-shadow:4px 4px  
4px 4px #0D1310; box-shadow:4px 4px 4px  
4px #0D1310 }
```

Background

The CSS property to change the background color of an element to Decimal 856848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1310 }
```

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

```
.background{ background-color:#0D1310 }
```

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