

Converting Colors

Decimal(856891)

Have a look what the booklet for
Decimal(856891) contains.

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Color

Decimal(856891)

Conversions

Conversions Part 1

Format	Color
Hex	0D133B
RGB	13, 19, 59
RGB Percent	5%, 7%, 23%
CMY	0.9490, 0.9255, 0.7686
CMYK	0.78, 0.68, 0.00, 0.77
HSL	232°, 64%, 14%
HSV	232°, 78%, 23%
XYZ	1.1883, 0.8671, 4.2424
YIQ	21.7660, -16.4160, 11.1680

Conversions

Conversions Part 2

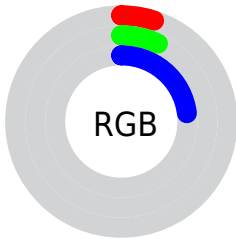
Format	Color
R_{YB}	13, 18, 59
Decimal	856891
CIE Lab	7.83, 13.32, -26.71
CIE LCh	8, 29.850, 296.503
Yxy	0.8671, 0.1887, 0.1377
Android (android.graphics.Color)	4279046971 (0xFF0D133B)
YUV	21.7660, 18.3564, -7.6878
Hunter-Lab	9.3117, 6.4830, -20.4943

Details

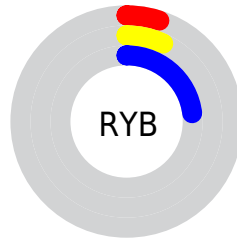
The Decimal color **856891** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3880205**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **4078955**, and **270** is the 20% darker color. If you saturate the color by 10%, you get **462395**, and if you desaturate by 10%, it is **1251387**.

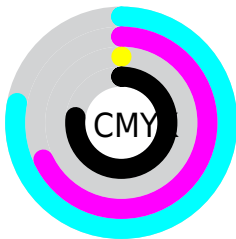
Distribution



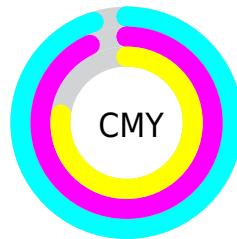
- Red (5%)
- Green (7%)
- Blue (23%)



- Red (5%)
- Yellow (7%)
- Blue (23%)



- Cyan (78%)
- Magenta (68%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 856891 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 856891 by changing the saturation by 10% instead.

■ 856891

■ 856891

■ 16380927

■ 37

■ 4078955

■ 270

■ 5723268

■ 0

■ 7367838

■ 9078202

■ 10854357

■ 12630770

■ 14472959

■ 856891

■ 856891

■ 462395

■ 1251387

■ 67899

■ 1645883

■ 2107

■ 2040379

■ 2435131

■ 2829627

■ 3158587

■ 3553083

■ 3947579

■ 4342075

Harmonies

Analogous

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



6975



856891



2885421

Triad

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



856891



3083264



8724

Complementary

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



856891



3880205

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.



8192



856891



2168320

Square

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



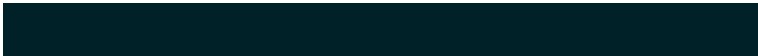
856891



3670272



596992



8488

Rectangle

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



856891



3473441



596992



8458

Sweetspot

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



856891



3882317



867125



1842470



10921638



2500134

Same Dimension

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



856891



331341



1969467



1842207



3166



7646

Inverse Universe

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



3869971



5047566



2767629



2038812



6160396



14549021

Previews

White Background



This preview shows how the Decimal color 856891 looks on a white background.

Color Contrast Check

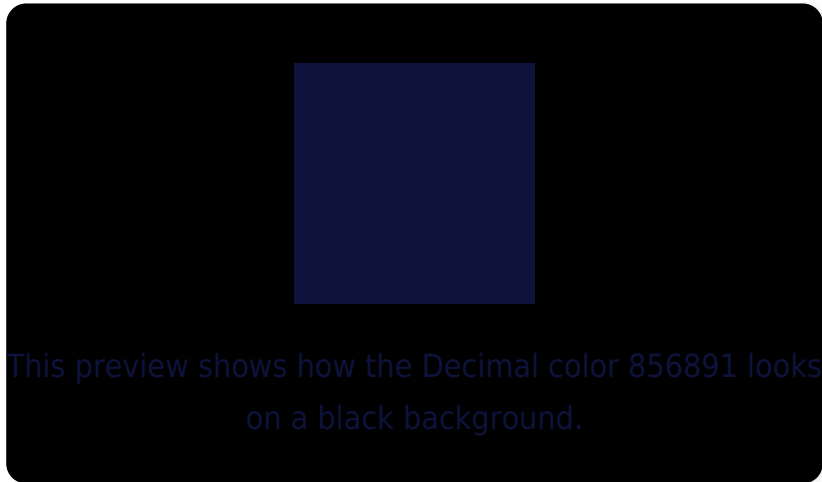
Large Text (above 18pt) WCAG AA ✓ Pass

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

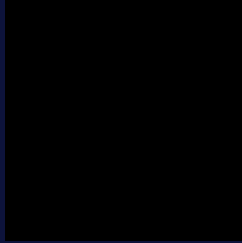
Any Text WCAG AA × Fail

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 856891 Background



This preview shows how black text looks on a background with the Decimal color 856891.



This preview shows how white text looks on a background with the Decimal color 856891.

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
856891

Protanopia
5937

Deuteranopia
6442



Tritanopia
6940

Trichromacy



Original Color
856891

Protanomaly
333365

Deuteranomaly
333616

Tritanomaly
333863

Monochromacy



Original Color
856891

Achromatopsia
1447446

Achromatomaly
1250595

CSS Examples

Text

The CSS property to change the color of the text to Decimal 856891 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 #0D133B looks like.

```
.text, #text, p{  
    color:#0D133B  
}
```

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 #0D133B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D133B
}
```

Border

The CSS property to change the border of an element to Decimal 856891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

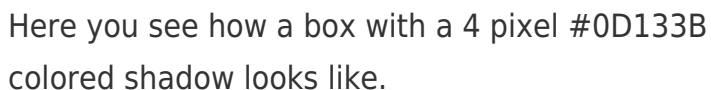
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D133B }
```

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

```
.border{ border-color:#0D133B }
```

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



Here you see how a box with a 4 pixel #0D133B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D133B; -webkit-box-shadow:4px 4px  
4px 4px #0D133B; box-shadow:4px 4px 4px  
4px #0D133B }
```

Background

The CSS property to change the background color of an element to Decimal 856891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D133B }
```

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

```
.background{ background-color:#0D133B }
```

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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