

Converting Colors

Decimal(855337)

Have a look what the booklet for
Decimal(855337) contains.

Decimal(855337)	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(855337)

Conversions

Conversions Part 1

Format	Color
Hex	0D0D29
RGB	13, 13, 41
RGB Percent	5%, 5%, 16%
CMY	0.9490, 0.9490, 0.8392
CMYK	0.68, 0.68, 0.00, 0.84
HSL	240°, 52%, 11%
HSV	240°, 68%, 16%
XYZ	0.7101, 0.5335, 2.1634
YIQ	16.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

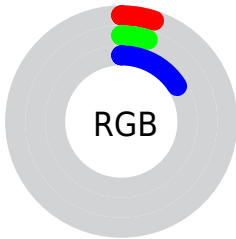
Format	Color
RYB	13, 13, 41
Decimal	855337
CIELab	4.82, 8.32, -18.27
CIElCh	5, 20.078, 294.474
Yxy	0.5335, 0.2084, 0.1566
Android (android.graphics.Color)	4279045417 (0xFF0D0D29)
YUV	16.1920, 12.2303, -2.7994
Hunter-Lab	7.3042, 4.5722, -12.4478

Details

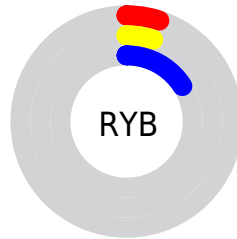
The Decimal color **855337** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2697485**, and the grayscale version is **1052688**.

A 20% lighter version of the original color is **3684438**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **592169**, and if you desaturate by 10%, it is **1118505**.

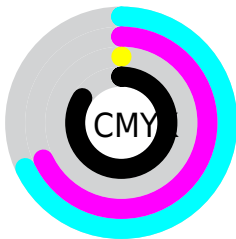
Distribution



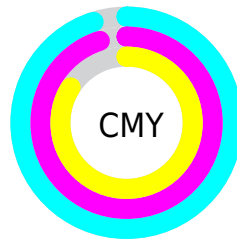
- Red (5%)
- Green (5%)
- Blue (16%)



- Red (5%)
- Yellow (5%)
- Blue (16%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (84%)



- Cyan (95%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 855337 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 855337 by changing the saturation by 10% instead.



855337



855337



15723775



276



3684438



0



5263215



6842248



8552611



10263230



12039642



13881590



855337



855337

■ 592169

■ 1118505

■ 329001

■ 1381673

■ 65833

■ 1644841

■ 41

■ 1908009

■ 2171177

■ 2500137

■ 2763305

■ 3026473

■ 3289641

Harmonies

Analogous

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



4907



855337



2033185

Triad

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



855337



2361344



6412

Complementary

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



855337



2697485

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.



6144



855337



1642240

Square

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



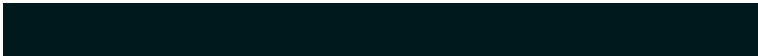
855337



2753024



332800



6428

Rectangle

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



855337



2491161



332800



6404

Sweetspot

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



855337



2829110



862505



1381660



10263708



1842204

Same Dimension

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



855337



657974



1772841



1184276



84



212

Inverse Universe

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



2690345



3541558



1779981



1315348



5505108



13893844

Previews

White Background



This preview shows how the Decimal color 855337 looks on a white background.

Color Contrast Check

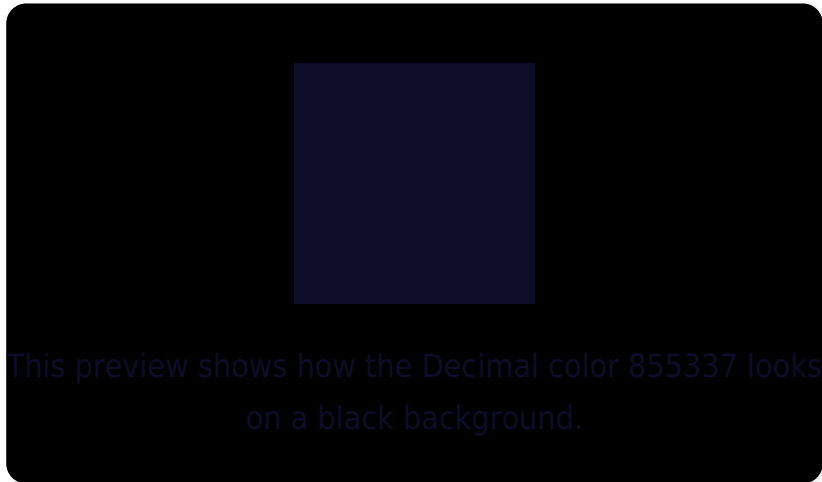
Large Text (above 18pt) WCAG AA ✓ Pass

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

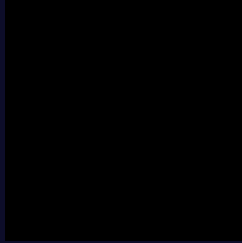
Any Text WCAG AA × Fail

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 855337 Background



This preview shows how black text looks on a background with the Decimal color 855337.



This preview shows how white text looks on a background with the Decimal color 855337.

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
855337

Protanopia
4387

Deuteranopia
4638

Trichromacy



Original Color
855337

Protanomaly
331813

Deuteranomaly
331810

Tritanomaly
332060

Monochromacy



Original Color
855337

Achromatopsia
1052688

Achromatomaly
986905

CSS Examples

Text

The CSS property to change the color of the text to Decimal 855337 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 #0D0D29 looks like.

```
.text, #text, p{  
    color:#0D0D29  
}
```

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 #0D0D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0D29
}
```

Border

The CSS property to change the border of an element to Decimal 855337 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
#0D0D29 }
```

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

```
.border{ border-color:#0D0D29 }
```

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

Here you see how a box with a 4 pixel #0D0D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0D29; -webkit-box-shadow:4px 4px  
4px 4px #0D0D29; box-shadow:4px 4px 4px  
4px #0D0D29 }
```

Background

The CSS property to change the background color of an element to Decimal 855337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0D29 }
```

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

```
.background{ background-color:#0D0D29 }
```

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