

Converting Colors

Decimal(855452)

Have a look what the booklet for
Decimal(855452) contains.

Decimal(855452)	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(855452)

Conversions

Conversions Part 1

Format	Color
Hex	0D0D9C
RGB	13, 13, 156
RGB Percent	5%, 5%, 61%
CMY	0.9490, 0.9490, 0.3882
CMYK	0.92, 0.92, 0.00, 0.39
HSL	240°, 85%, 33%
HSV	240°, 92%, 61%
XYZ	6.3107, 2.7737, 31.6553
YIQ	29.3020, -45.9030, 44.4730

Conversions

Conversions Part 2

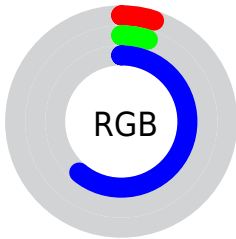
Format	Color
RYB	13, 13, 156
Decimal	855452
CIELab	19.11, 51.11, -71.95
CIELCh	19, 88.258, 305.388
Yxy	2.7737, 0.1549, 0.0681
Android (android.graphics.Color)	4279045532 (0xFF0D0D9C)
YUV	29.3020, 62.4621, -14.2969
Hunter-Lab	16.6545, 38.4913, -101.0348

Details

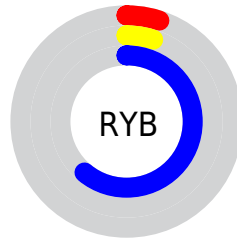
The Decimal color **855452** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10263565**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **6176724**, and **103** is the 20% darker color. If you saturate the color by 10%, you get **156**, and if you desaturate by 10%, it is **1908124**.

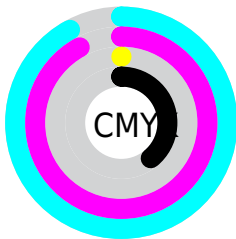
Distribution



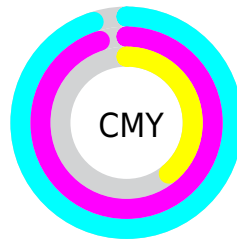
- Red (5%)
- Green (5%)
- Blue (61%)



- Red (5%)
- Yellow (5%)
- Blue (61%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (95%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 855452 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 855452 by changing the saturation by 10% instead.

■ 855452 ■ 855452

■ 16776447 ■ 129

■ 6176724 ■ 103

■ 8214769 ■ 1870

■ 10187519 ■ 1334

■ 12160255 ■ 544

■ 14133247 ■ 4

■ 16106495 ■ 0

■ 16769023

■ 855452 ■ 855452

■ 156

■ 1908124

■ 2895004

■ 3947676

■ 4934556

■ 5987228

■ 7039900

■ 8026780

■ 9079452

■ 10066332

Harmonies

Analogous

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



14774



855452



8126566

Triad

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



855452



6425088



16953

Complementary

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



855452



10263565

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.



16384



855452



3158272

Square

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



855452



8650752



15360



17530

Rectangle

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



855452



9371708



15360



16674

Sweetspot

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



855452



9671628



892060



4408166



15132390



6710886

Same Dimension

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



855452



204



5574044



4671311



143



15

Inverse Universe

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



10227100



13369548



5610509



5195599



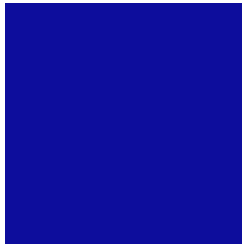
9371791



983055

Previews

White Background



This preview shows how the Decimal color 855452 looks on a white background.

Color Contrast Check

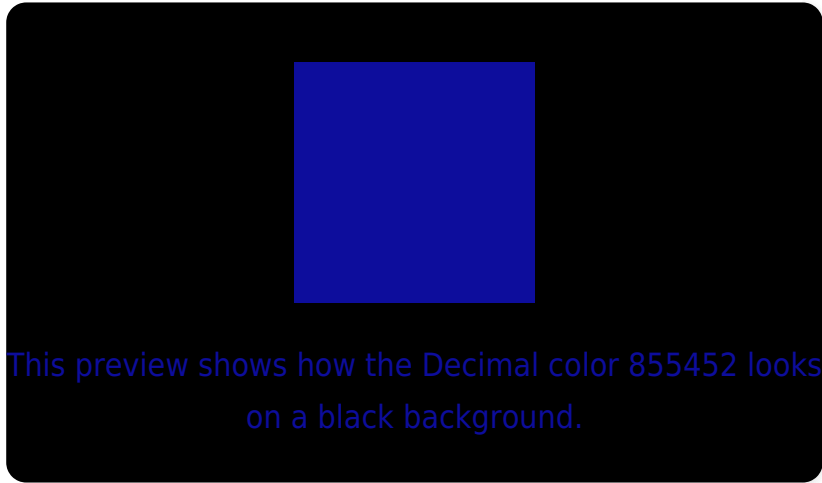
Large Text (above 18pt) WCAG AA ✓ Pass

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

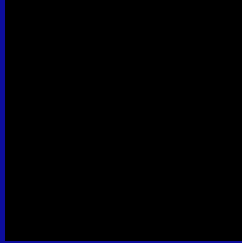
Any Text WCAG AA × Fail

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 855452 Background



This preview shows how black text looks on a background with the Decimal color 855452.



This preview shows how white text looks on a background with the Decimal color 855452.

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
855452

Protanopia
12130

Deuteranopia
12883



Tritanopia
13880

Trichromacy



Original Color
855452

Protanomaly
336759

Deuteranomaly
337262

Tritanomaly
337756

Monochromacy



Original Color
855452

Achromatopsia
1907997

Achromatomaly
1513291

CSS Examples

Text

The CSS property to change the color of the text to Decimal 855452 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 #0D0D9C looks like.

```
.text, #text, p{  
    color:#0D0D9C  
}
```

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 #0D0D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0D9C
}
```

Border

The CSS property to change the border of an element to Decimal 855452 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".

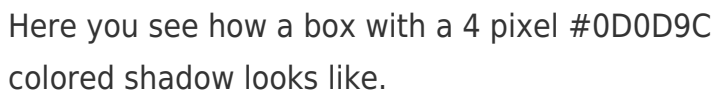
```
.border, #border, table{ border:4px solid
#0D0D9C }
```

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

```
.border{ border-color:#0D0D9C }
```

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

Here you see how a box with a 4 pixel #0D0D9C colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0D9C; -webkit-box-shadow:4px 4px  
4px 4px #0D0D9C; box-shadow:4px 4px 4px  
4px #0D0D9C }
```

Background

The CSS property to change the background color of an element to Decimal 855452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0D9C }
```

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

```
.background{ background-color:#0D0D9C }
```

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