

Converting Colors

Decimal(871307)

Have a look what the booklet for
Decimal(871307) contains.

Decimal(871307)	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(871307)

Conversions

Conversions Part 1

Format	Color
Hex	0D4B8B
RGB	13, 75, 139
RGB Percent	5%, 29%, 55%
CMY	0.9490, 0.7059, 0.4549
CMYK	0.91, 0.46, 0.00, 0.45
HSL	210°, 83%, 30%
HSV	210°, 91%, 55%
XYZ	7.3423, 6.9818, 25.3867
YIQ	63.7580, -57.4960, 6.7600

Conversions

Conversions Part 2

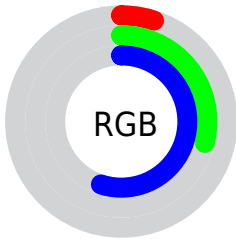
Format	Color
RYB	13, 55, 139
Decimal	871307
CIELab	31.77, 7.06, -40.74
CIElCh	32, 41.349, 279.830
Yxy	6.9818, 0.1849, 0.1758
Android (android.graphics.Color)	4279061387 (0xFF0D4B8B)
YUV	63.7580, 37.0943, -44.5148
Hunter-Lab	26.4231, 3.3599, -38.4684

Details

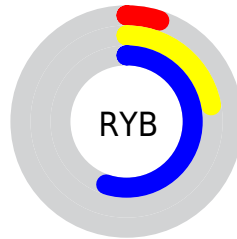
The Decimal color **871307** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **9129229**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **5536705**, and **8280** is the 20% darker color. If you saturate the color by 10%, you get **17547**, and if you desaturate by 10%, it is **1790603**.

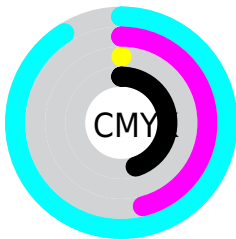
Distribution



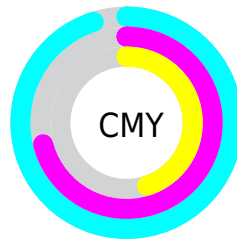
- Red (5%)
- Green (29%)
- Blue (55%)



- Red (5%)
- Yellow (22%)
- Blue (55%)



- Cyan (91%)
- Magenta (46%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 871307 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 871307 by changing the saturation by 10% instead.

■ 871307 ■ 871307

16777215 ■ 13681

■ 5536705 ■ 8280

■ 7378397 ■ 1857

■ 9220090 ■ 810

■ 11127807 ■ 276

■ 13035519 ■ 0

■ 14942207

■ 871307 ■ 871307

■ 17547 ■ 1790603

■ 2709899

■ 3629195

■ 4548491

■ 5467787

■ 6321547

■ 7240843

■ 8160139

■ 9079691

Harmonies

Analogous

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



21640



871307



5848445

Triad

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



871307



8336163



22579

Complementary

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



871307



9129229

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.



2970644



871307



7094535

Square

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



871307



8727105



5328128



23125

Rectangle

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



871307



7418732



5328128



22312

Sweetspot

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



871307



8690869



887628



4083036



14408667



6052956

Same Dimension

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



871307



22965



855435



4079941



16773



773

Inverse Universe

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



9112907



11862105



9145101



4537921



8716353



327683

Previews

White Background



This preview shows how the Decimal color 871307 looks on a white background.

Color Contrast Check

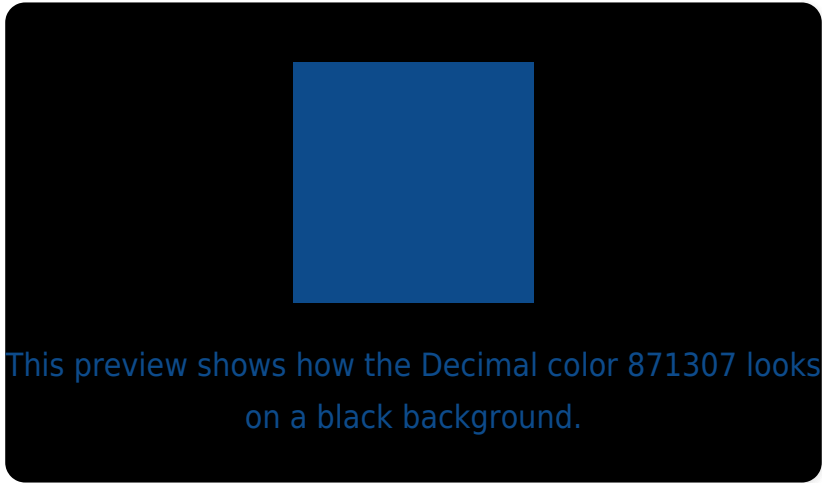
Large Text (above 18pt) WCAG AA ✓ Pass

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

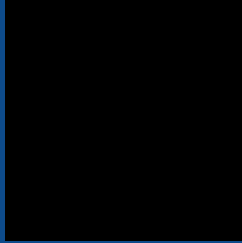
Any Text WCAG AA × Fail

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 871307 Background



This preview shows how black text looks on a background with the Decimal color 871307.



This preview shows how white text looks on a background with the Decimal color 871307.

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



Trichromacy



Original Color
871307

Protanomaly
2116234

Deuteranomaly
347272

Tritanomaly
348267

Monochromacy



Original Color
871307

Achromatopsia
4210752

Achromatomaly
2966619

CSS Examples

Text

The CSS property to change the color of the text to Decimal 871307 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 #0D4B8B looks like.

```
.text, #text, p{  
    color:#0D4B8B  
}
```

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 #0D4B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4B8B
}
```

Border

The CSS property to change the border of an element to Decimal 871307 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
#0D4B8B }
```

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

```
.border{ border-color:#0D4B8B }
```

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

Here you see how a box with a 4 pixel #0D4B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4B8B; -webkit-box-shadow:4px 4px  
4px 4px #0D4B8B; box-shadow:4px 4px 4px  
4px #0D4B8B }
```

Background

The CSS property to change the background color of an element to Decimal 871307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4B8B }
```

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

```
.background{ background-color:#0D4B8B }
```

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