

Converting Colors

Decimal(872099)

Have a look what the booklet for
Decimal(872099) contains.

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Color

Decimal(872099)

Conversions

Conversions Part 1

Format	Color
Hex	0D4EA3
RGB	13, 78, 163
RGB Percent	5%, 31%, 64%
CMY	0.9490, 0.6941, 0.3608
CMYK	0.92, 0.52, 0.00, 0.36
HSL	214°, 85%, 35%
HSV	214°, 92%, 64%
XYZ	9.5012, 8.1787, 35.7282
YIQ	68.2550, -66.0250, 12.6550

Conversions

Conversions Part 2

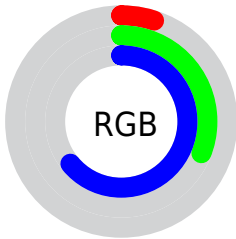
Format	Color
R_{YB}	13, 58, 163
Decimal	872099
CIE _{Lab}	34.35, 15.02, -51.13
CIE _{LCh}	34, 53.292, 286.365
Yxy	8.1787, 0.1779, 0.1531
Android (android.graphics.Color)	4279062179 (0xFF0D4EA3)
YUV	68.2550, 46.7093, -48.4586
Hunter-Lab	28.5984, 9.2557, -54.0526

Details

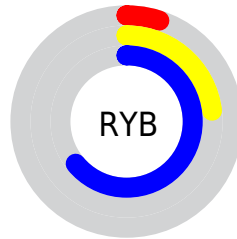
The Decimal color **872099** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10707469**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **5996251**, and **9070** is the 20% darker color. If you saturate the color by 10%, you get **18339**, and if you desaturate by 10%, it is **1922979**.

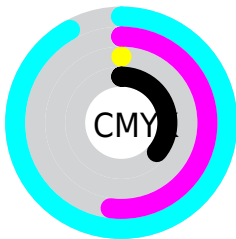
Distribution



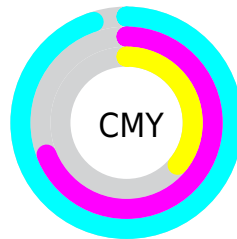
- Red (5%)
- Green (31%)
- Blue (64%)



- Red (5%)
- Yellow (23%)
- Blue (64%)



- Cyan (92%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 872099 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 872099 by changing the saturation by 10% instead.

■ 872099 ■ 872099

16777215 ■ 14472

■ 5996251 ■ 9070

■ 7903479 ■ 3925

■ 9876479 ■ 1597

■ 11783935 ■ 807

■ 13691647 ■ 272

■ 15663103 ■ 0

■ 872099 ■ 872099

■ 18339 ■ 1922979

■ 3039395

■ 4090531

■ 5141411

■ 6257827

■ 7308707

■ 8359843

■ 9410723

■ 10527139

Harmonies

Analogous

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



23460



872099



7289228

Triad

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



872099



9319187



25147

Complementary

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



872099



10707469

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.



1203724



872099



7555072

Square

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



872099



10100540



5068288



25448

Rectangle

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



872099



8989044



5068288



24876

Sweetspot

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



872099



10007252



893794



4675179



15461355



7039851

Same Dimension

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



872099



23764



1510819



4803922



16273



2066

Inverse Universe

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



10685774



13893724



10068749



5392717



9502783



1179656

Previews

White Background



This preview shows how the Decimal color 872099 looks on a white background.

Color Contrast Check

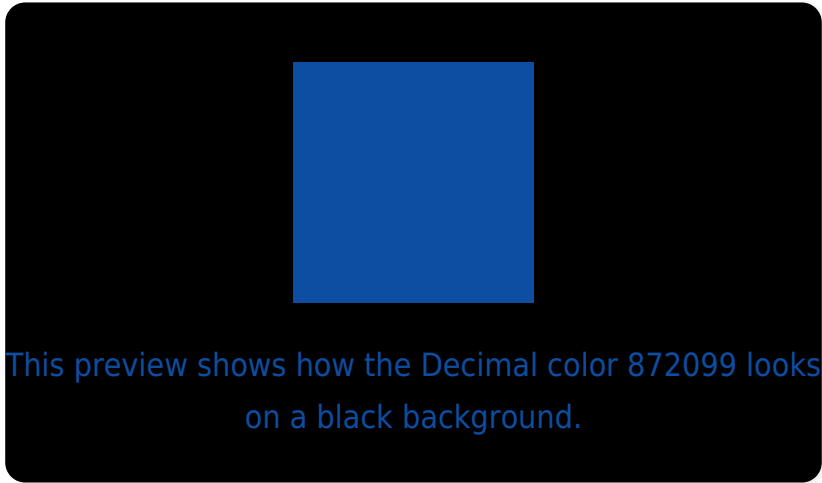
Large Text (above 18pt) WCAG AA ✓ Pass

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

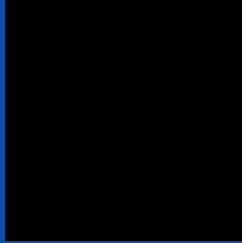
Any Text WCAG AA × Fail

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 872099 Background



This preview shows how black text looks on a background with the Decimal color 872099.



This preview shows how white text looks on a background with the Decimal color 872099.

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
872099

Protanopia
1330851

Deuteranopia
21391

Trichromacy



Original Color
872099

Protanomaly
1134243

Deuteranomaly
348566

Tritanomaly
349816

Monochromacy



Original Color
872099

Achromatopsia
4473924

Achromatomaly
3164263

CSS Examples

Text

The CSS property to change the color of the text to Decimal 872099 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 #0D4EA3 looks like.

```
.text, #text, p{  
    color:#0D4EA3  
}
```

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 #0D4EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4EA3
}
```

Border

The CSS property to change the border of an element to Decimal 872099 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
#0D4EA3 }
```

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

```
.border{ border-color:#0D4EA3 }
```

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

Here you see how a box with a 4 pixel #0D4EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4EA3; -webkit-box-shadow:4px 4px  
4px 4px #0D4EA3; box-shadow:4px 4px 4px  
4px #0D4EA3 }
```

Background

The CSS property to change the background color of an element to Decimal 872099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4EA3 }
```

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

```
.background{ background-color:#0D4EA3 }
```

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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