

Converting Colors

Decimal(852117)

Have a look what the booklet for
Decimal(852117) contains.

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Color

Decimal(852117)

Conversions

Conversions Part 1

Format	Color
Hex	0D0095
RGB	13, 0, 149
RGB Percent	5%, 0%, 58%
CMY	0.9490, 1.0000, 0.4157
CMYK	0.91, 1.00, 0.00, 0.42
HSL	245°, 100%, 29%
HSV	245°, 100%, 58%
XYZ	5.5908, 2.2555, 28.5745
YIQ	20.8730, -40.0810, 49.0950

Conversions

Conversions Part 2

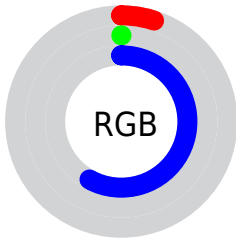
Format	Color
RYB	13, 0, 149
Decimal	852117
CIELab	16.77, 53.18, -71.54
CIELCh	17, 89.142, 306.628
Yxy	2.2555, 0.1535, 0.0619
Android (android.graphics.Color)	4279042197 (0xFF0D0095)
YUV	20.8730, 63.1666, -6.9046
Hunter-Lab	15.0183, 40.1674, -102.2949

Details

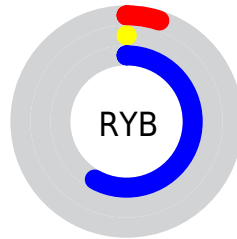
The Decimal color **852117** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8951040**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **6109133**, and **97** is the 20% darker color. If you saturate the color by 10%, you get **852117**, and if you desaturate by 10%, it is **1773461**.

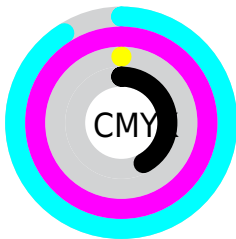
Distribution



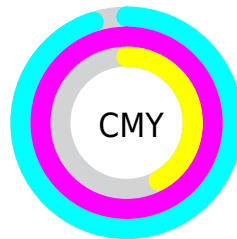
- Red (5%)
- Green (0%)
- Blue (58%)



- Red (5%)
- Yellow (0%)
- Blue (58%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)




- Cyan (95%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 852117 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 852117 by changing the saturation by 10% instead.

 852117  852117

 16774143  122

 6109133  97

 8081641  2120

 10054143  1072

 12027135  282

 14000127  0

 15973119

 16766719

 852117

■ 1773461

■ 2629269

■ 3550613

■ 4406421

■ 5327765

■ 6248853

■ 7104661

■ 8026005

■ 8881813

Harmonies

Analogous

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



13488



852117



7864414

Triad

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



852117



5899776



15159

Complementary

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



852117



8951040

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.



14848



852117



2567424

Square

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



852117



8126464



14080



16247

Rectangle

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



852117



8978484



14080



15136

Sweetspot

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



852117



9275586



35221



4275809



14737632



6381921

Same Dimension

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



852117



1114306



5701781



4408138



786570



65546

Inverse Universe

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



9765000



12714161



4101376



4866889



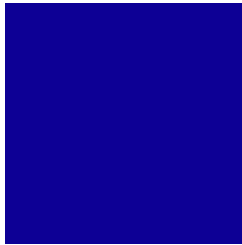
9044094



655369

Previews

White Background



This preview shows how the Decimal color 852117 looks on a white background.

Color Contrast Check

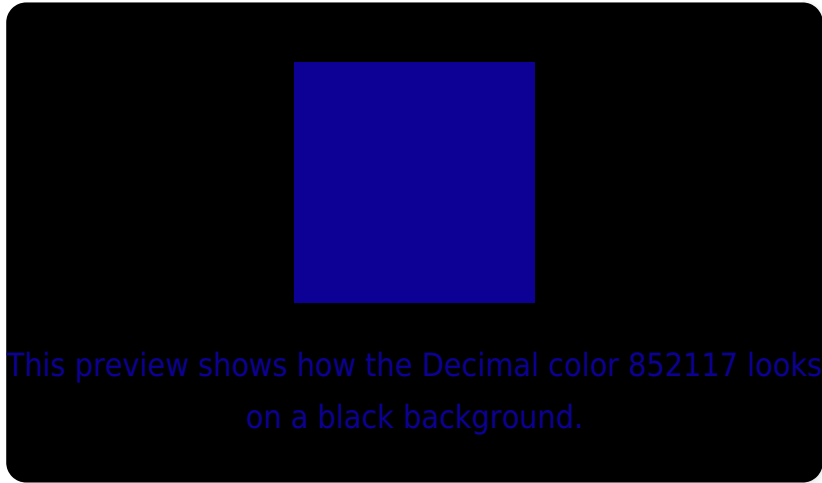
Large Text (above 18pt) WCAG AA ✓ Pass

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

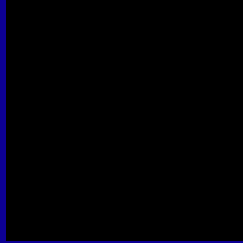
Any Text WCAG AA × Fail

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 852117 Background



This preview shows how black text looks on a background with the Decimal color 852117.



This preview shows how white text looks on a background with the Decimal color 852117.

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
852117

Protanopia
11356

Deuteranopia
12110

Trichromacy



Original Color
852117

Protanomaly
334961

Deuteranomaly
335464

Tritanomaly
335960

Monochromacy



Original Color
852117

Achromatopsia
1381653

Achromatomaly
1183044

CSS Examples

Text

The CSS property to change the color of the text to Decimal 852117 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 #0D0095 looks like.

```
.text, #text, p{  
    color:#0D0095  
}
```

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 #0D0095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0095
}
```

Border

The CSS property to change the border of an element to Decimal 852117 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
#0D0095 }
```

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

```
.border{ border-color:#0D0095 }
```

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

Here you see how a box with a 4 pixel #0D0095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0095; -webkit-box-shadow:4px 4px  
4px 4px #0D0095; box-shadow:4px 4px 4px  
4px #0D0095 }
```

Background

The CSS property to change the background color of an element to Decimal 852117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0095 }
```

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

```
.background{ background-color:#0D0095 }
```

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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