

Converting Colors

Decimal(861017)

Have a look what the booklet for
Decimal(861017) contains.

Decimal(861017)	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(861017)

Conversions

Conversions Part 1

Format	Color
Hex	0D2359
RGB	13, 35, 89
RGB Percent	5%, 14%, 35%
CMY	0.9490, 0.8627, 0.6510
CMYK	0.85, 0.61, 0.00, 0.65
HSL	223°, 75%, 20%
HSV	223°, 85%, 35%
XYZ	2.5702, 2.0089, 9.7035
YIQ	34.5780, -30.4460, 12.1300

Conversions

Conversions Part 2

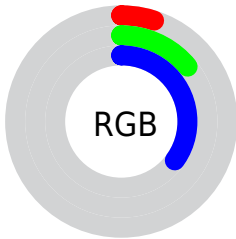
Format	Color
RYB	13, 30, 89
Decimal	861017
CIELab	15.53, 14.15, -34.97
CIELCh	16, 37.722, 292.038
Yxy	2.0089, 0.1800, 0.1407
Android (android.graphics.Color)	4279051097 (0xFF0D2359)
YUV	34.5780, 26.8300, -18.9239
Hunter-Lab	14.1736, 7.5648, -30.6696

Details

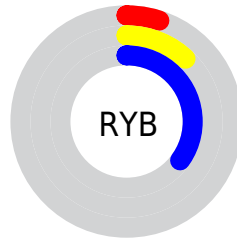
The Decimal color **861017** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5849869**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **4607884**, and **811** is the 20% darker color. If you saturate the color by 10%, you get **269657**, and if you desaturate by 10%, it is **1452377**.

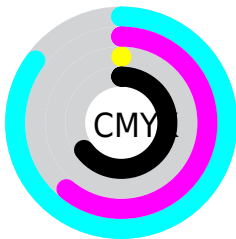
Distribution



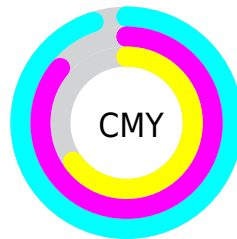
- Red (5%)
- Green (14%)
- Blue (35%)



- Red (5%)
- Yellow (12%)
- Blue (35%)



- Cyan (85%)
- Magenta (61%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 861017 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 861017 by changing the saturation by 10% instead.

■ 861017 ■ 861017

16777215 ■ 3905

■ 4607884 ■ 811

■ 6317990 ■ 277

■ 8093890 ■ 0

■ 9870046

■ 11646202

■ 13488383

■ 15396095

■ 861017 ■ 861017

■ 269657

■ 1452377

■ 6745

■ 2043993

■ 2635353

■ 3226713

■ 3752793

■ 4344153

■ 4935513

■ 5527129

■ 6118489

Harmonies

Analogous

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



11356



861017



4133960

Triad

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



861017



4855296



12831

Complementary

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



861017



5849869

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.



12032



861017



3613440

Square

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



861017



5506069



2042624



12858

Rectangle

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



861017



5047864



2042624



12565

Sweetspot

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



861017



5594739



874818



2633275



12237498



3881787

Same Dimension

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



861017



8563



1838425



2566187



8043



17643

Inverse Universe

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



5836067



7536673



4872461



2828072



7012383



15401028

Previews

White Background



This preview shows how the Decimal color 861017 looks on a white background.

Color Contrast Check

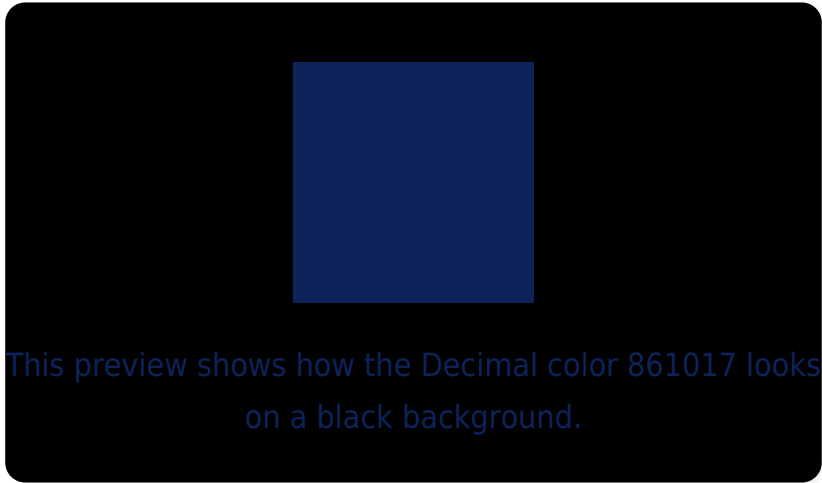
Large Text (above 18pt) WCAG AA ✓ Pass

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

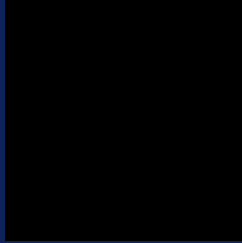
Any Text WCAG AA × Fail

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 861017 Background



This preview shows how black text looks on a background with the Decimal color 861017.



This preview shows how white text looks on a background with the Decimal color 861017.

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
861017

Protanopia
9808

Deuteranopia
10309



Tritanopia
11310

Trichromacy



Original Color
861017

Protanomaly
337235

Deuteranomaly
337484

Tritanomaly
338238

Monochromacy



Original Color
861017

Achromatopsia
2302755

Achromatomaly
1778487

CSS Examples

Text

The CSS property to change the color of the text to Decimal 861017 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 #0D2359 looks like.

```
.text, #text, p{  
  color:#0D2359  
}
```

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 #0D2359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2359
}
```

Border

The CSS property to change the border of an element to Decimal 861017 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
#0D2359 }
```

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

```
.border{ border-color:#0D2359 }
```

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

Here you see how a box with a 4 pixel #0D2359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2359; -webkit-box-shadow:4px 4px  
4px 4px #0D2359; box-shadow:4px 4px 4px  
4px #0D2359 }
```

Background

The CSS property to change the background color of an element to Decimal 861017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2359 }
```

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

```
.background{ background-color:#0D2359 }
```

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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