

# Converting Colors

Decimal(862309)

Have a look what the booklet for  
Decimal(862309) contains.

<b>Decimal(862309)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(862309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D2865
RGB	13, 40, 101
RGB Percent	5%, 16%, 40%
CMY	0.9490, 0.8431, 0.6039
CMYK	0.87, 0.60, 0.00, 0.60
HSL	222°, 77%, 22%
HSV	222°, 87%, 40%
XYZ	3.2737, 2.5427, 12.6302
YIQ	38.8810, -35.6730, 13.2470

# Conversions

## Conversions Part 2

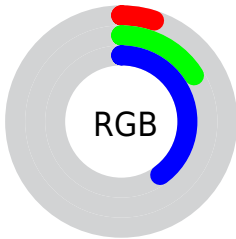
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 34, 101
Decimal	862309
CIE <sub>Lab</sub>	18.11, 15.65, -38.73
CIE <sub>LCh</sub>	18, 41.771, 292.007
Yxy	2.5427, 0.1775, 0.1378
Android (android.graphics.Color)	4279052389 (0xFF0D2865)
YUV	38.8810, 30.6247, -22.6976
Hunter-Lab	15.9460, 8.7410, -35.7991

# Details

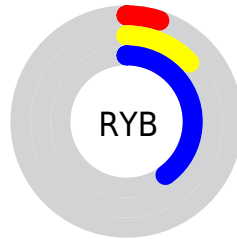
The Decimal color **862309** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6638093**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **4871577**, and **53** is the 20% darker color. If you saturate the color by 10%, you get **205157**, and if you desaturate by 10%, it is **1519461**.

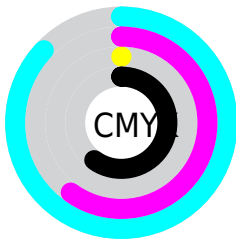
# Distribution



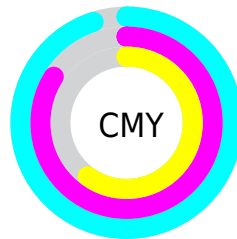
- Red (5%)
- Green (16%)
- Blue (40%)



- Red (5%)
- Yellow (13%)
- Blue (40%)



- Cyan (87%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



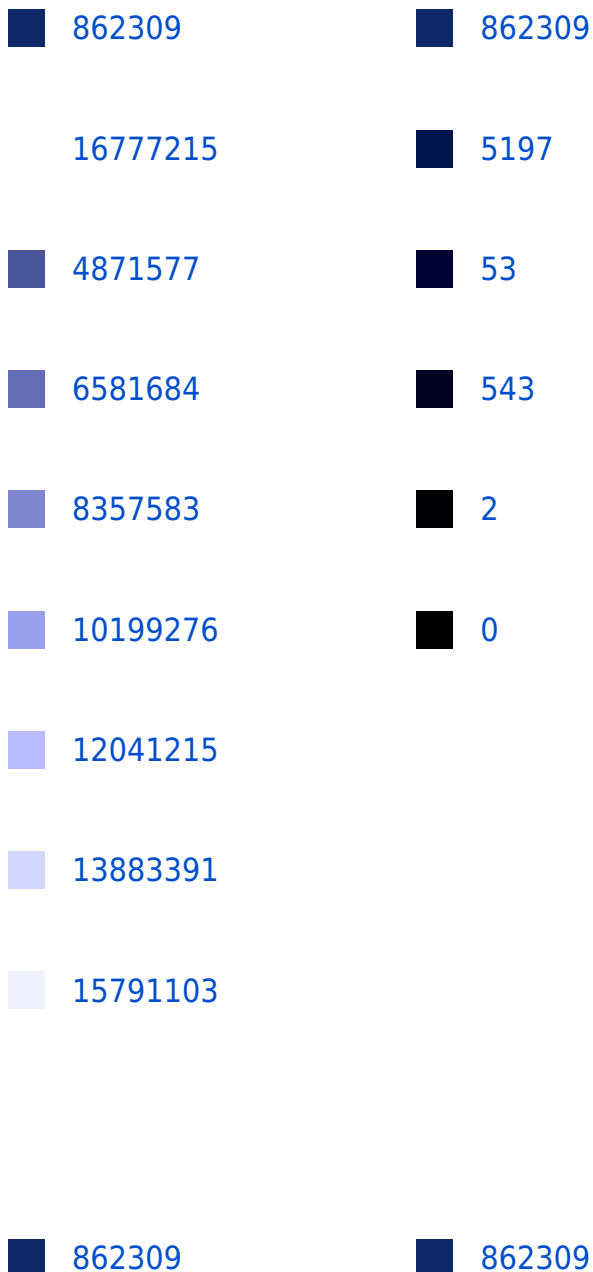
- Cyan (95%)
- Magenta (84%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 862309 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 862309 by changing the saturation by 10% instead.





■ 205157

■ 1519461

■ 8037

■ 2176613

■ 2833765

■ 3490917

■ 4148069

■ 4870757

■ 5527909

■ 6185061

■ 6842213

# Harmonies

## Analogous

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



13161



862309



4658770

# Triad

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



862309



5511424



14371

# Complementary

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



862309



6638093

# 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.



13824



862309



4073472

# Square

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



862309



6226712



2306304



14658

# Rectangle

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



862309



5703232



2306304



14360



# Sweetspot

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



862309



6318978



877897



3028034



12763842



4342338



# Same Dimension

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



862309



10370



1903973



3026739



9075



19186



# Inverse Universe

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



6622504



8519720



5596429



3354159



7536675



15859786



# Previews

## White Background



This preview shows how the Decimal color 862309 looks on a white background.

### Color Contrast Check

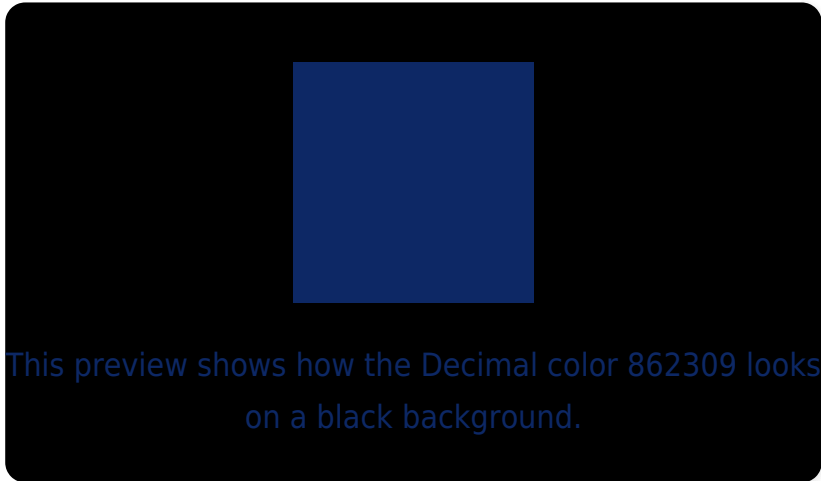
Large Text (above 18pt) WCAG AA ✓ Pass

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 862309 Background



This preview shows how black text looks on a background with the Decimal color 862309.



This preview shows how white text looks on a background with the Decimal color 862309.

# 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**  
862309

**Protanopia**  
11099

**Deuteranopia**  
11854



# Trichromacy



**Original Color**

862309

**Protanomaly**

338527

**Deuteranomaly**

339030

**Tritanomaly**

339526

# Monochromacy



**Original Color**

862309

**Achromatopsia**

2565927

**Achromatomaly**

1976126

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 862309 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 #0D2865 looks like.

```
.text, #text, p{  
    color:#0D2865  
}
```

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 #0D2865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2865
}
```

## Border

The CSS property to change the border of an element to Decimal 862309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

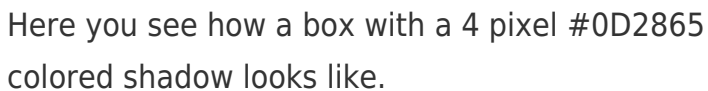
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D2865 }
```

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

```
.border{ border-color:#0D2865 }
```

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



Here you see how a box with a 4 pixel #0D2865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2865; -webkit-box-shadow:4px 4px  
4px 4px #0D2865; box-shadow:4px 4px 4px  
4px #0D2865 }
```

# Background

The CSS property to change the background color of an element to Decimal 862309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2865 }
```

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

```
.background{ background-color:#0D2865 }
```

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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