

Converting Colors

Decimal(870618)

Have a look what the booklet for
Decimal(870618) contains.

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Color

Decimal(870618)

Conversions

Conversions Part 1

Format	Color
Hex	0D48DA
RGB	13, 72, 218
RGB Percent	5%, 28%, 85%
CMY	0.9490, 0.7176, 0.1451
CMYK	0.94, 0.67, 0.00, 0.15
HSL	223°, 89%, 45%
HSV	223°, 94%, 85%
XYZ	15.1382, 9.7823, 67.4200
YIQ	71.0030, -82.0300, 32.8980

Conversions

Conversions Part 2

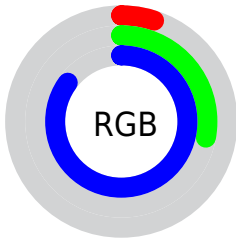
Format	Color
R_{YB}	13, 59, 218
Decimal	870618
CIE _{Lab}	37.45, 40.65, -78.31
CIE _{LCh}	37, 88.234, 297.430
Yxy	9.7823, 0.1639, 0.1059
Android (android.graphics.Color)	4279060698 (0xFF0D48DA)
YUV	71.0030, 72.4695, -50.8686
Hunter-Lab	31.2766, 31.6620, -105.9122

Details

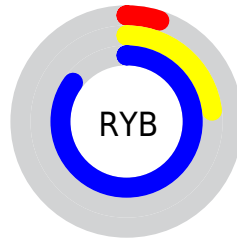
The Decimal color **870618** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **14327565**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7108863**, and **7842** is the 20% darker color. If you saturate the color by 10%, you get **16346**, and if you desaturate by 10%, it is **2316506**.

Distribution



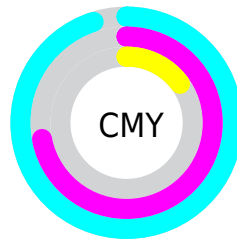
- Red (5%)
- Green (28%)
- Blue (85%)



- Red (5%)
- Yellow (23%)
- Blue (85%)



- Cyan (94%)
- Magenta (67%)
- Yellow (0%)
- Black (15%)

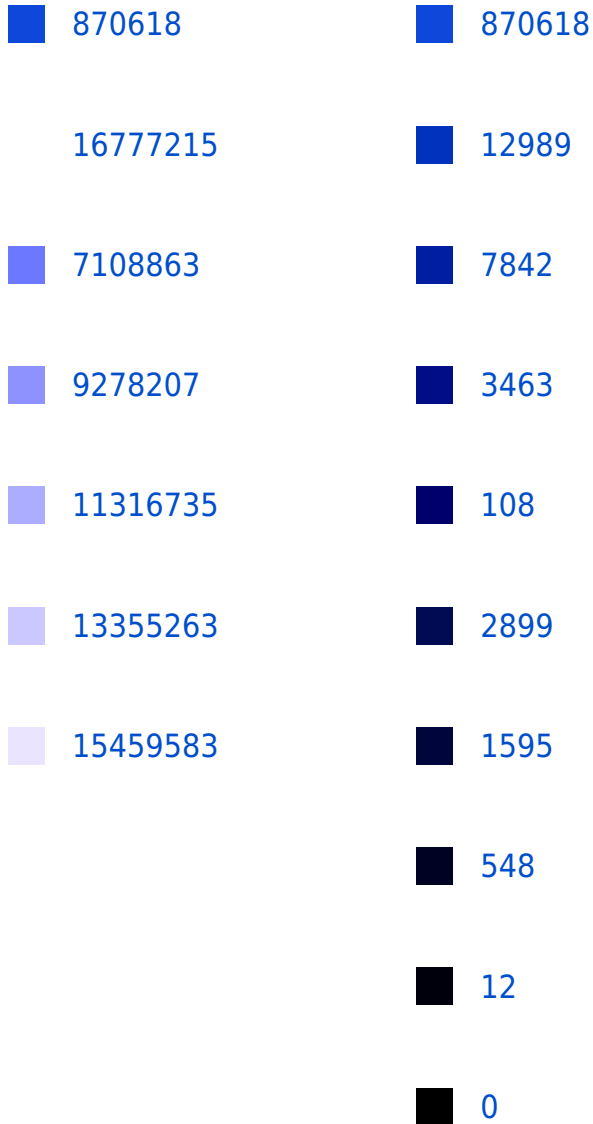


- Cyan (95%)
- Magenta (72%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 870618 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 870618 by changing the saturation by 10% instead.



■ 870618

■ 870618

■ 16346

■ 2316506

■ 3762138

■ 5142490

■ 6588122

■ 8034010

■ 9479642

■ 10925530

■ 12305626

■ 13751514

Harmonies

Analogous

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



26091



870618



10616998

Triad

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



870618



10824704



29008

Complementary

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



870618



14327565

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.



28160



870618



7492608

Square

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



870618



12976157



2385408



29593

Rectangle

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



870618



12714105



2385408



28726

Sweetspot

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



870618



12111103



907933



5529984



0



8421504

Same Dimension

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



870618



18943



3542490



6514286



12973



3374

Inverse Universe

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



14290248



16711753



11655693



7234406



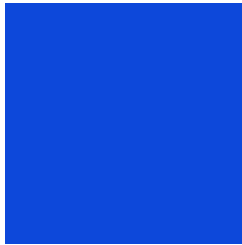
11337778



3014669

Previews

White Background



This preview shows how the Decimal color 870618 looks on a white background.

Color Contrast Check

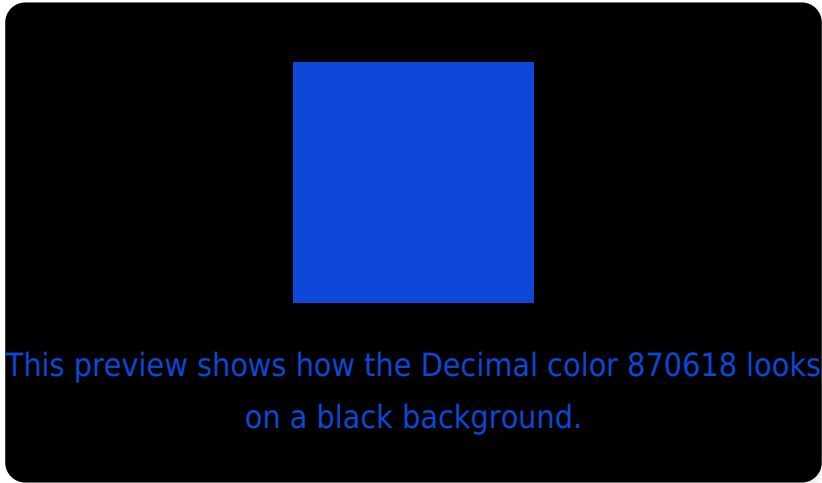
Large Text (above 18pt) WCAG AA ✓ Pass

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

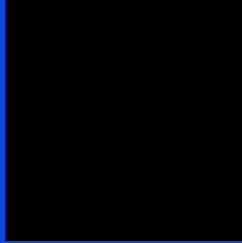
Any Text WCAG AA × Fail

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 870618 Background



This preview shows how black text looks on a background with the Decimal color 870618.



This preview shows how white text looks on a background with the Decimal color 870618.

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
870618

Protanomaly
348353

Deuteranomaly
349104

Tritanomaly
350353

Monochromacy



Original Color
870618

Achromatopsia
4671303

Achromatomaly
3295100

CSS Examples

Text

The CSS property to change the color of the text to Decimal 870618 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 #0D48DA looks like.

```
.text, #text, p{  
    color:#0D48DA  
}
```

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 #0D48DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D48DA
}
```

Border

The CSS property to change the border of an element to Decimal 870618 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
#0D48DA }
```

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

```
.border{ border-color:#0D48DA }
```

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

Here you see how a box with a 4 pixel #0D48DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D48DA; -webkit-box-shadow:4px 4px  
4px 4px #0D48DA; box-shadow:4px 4px 4px  
4px #0D48DA }
```

Background

The CSS property to change the background color of an element to Decimal 870618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D48DA }
```

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

```
.background{ background-color:#0D48DA }
```

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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