

Converting Colors

Decimal(876219)

Have a look what the booklet for
Decimal(876219) contains.

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Color

Decimal(876219)

Conversions

Conversions Part 1

Format	Color
Hex	0D5EBB
RGB	13, 94, 187
RGB Percent	5%, 37%, 73%
CMY	0.9490, 0.6314, 0.2667
CMYK	0.93, 0.50, 0.00, 0.27
HSL	212°, 87%, 39%
HSV	212°, 93%, 73%
XYZ	13.1383, 11.6788, 48.5755
YIQ	80.3830, -78.1290, 11.7510

Conversions

Conversions Part 2

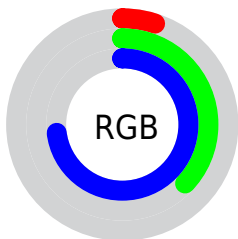
Format	Color
R_{YB}	13, 68, 187
Decimal	876219
CIE _{Lab}	40.70, 14.12, -55.06
CIE _{LCh}	41, 56.843, 284.388
Yxy	11.6788, 0.1790, 0.1591
Android (android.graphics.Color)	4279066299 (0xFF0D5EBB)
YUV	80.3830, 52.5622, -59.0949
Hunter-Lab	34.1743, 8.8194, -60.3530

Details

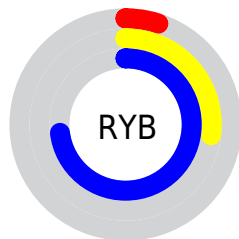
The Decimal color **876219** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12282381**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **6394100**, and **12677** is the 20% darker color. If you saturate the color by 10%, you get **22459**, and if you desaturate by 10%, it is **2123963**.

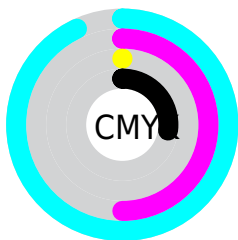
Distribution



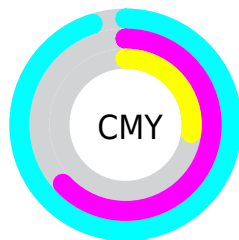
- Red (5%)
- Green (37%)
- Blue (73%)



- Red (5%)
- Yellow (27%)
- Blue (73%)



- Cyan (93%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (95%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 876219 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 876219 by changing the saturation by 10% instead.

■ 876219 ■ 876219

16777215 ■ 18336

■ 6394100 ■ 12677

■ 8432383 ■ 7787

■ 10405375 ■ 594

■ 12378623 ■ 1594

■ 14351871 ■ 548

■ 16318463 ■ 11

■ 0

■ 876219 ■ 876219

■ 22459

■ 2123963

■ 3306171

■ 4553915

■ 5801659

■ 7049403

■ 8231611

■ 9479355

■ 10727099

■ 11909307

Harmonies

Analogous

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



27834



876219



8210595

Triad

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



876219



10829599



29509

Complementary

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



876219



12282381

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.



2518547



876219



8934656

Square

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



876219



11676492



6317312



30070

Rectangle

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



876219



10238089



6317312



29237

Sweetspot

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



876219



11456242



899946



5334138



16448250



8026746

Same Dimension

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



876219



29170



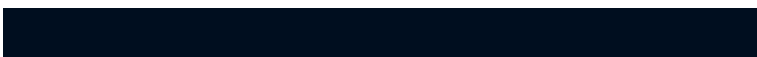
1248699



5593438



19102



3615

Inverse Universe

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



12258654



15859825



11909901



6182233



10354762



2031630

Previews

White Background



This preview shows how the Decimal color 876219 looks on a white background.

Color Contrast Check

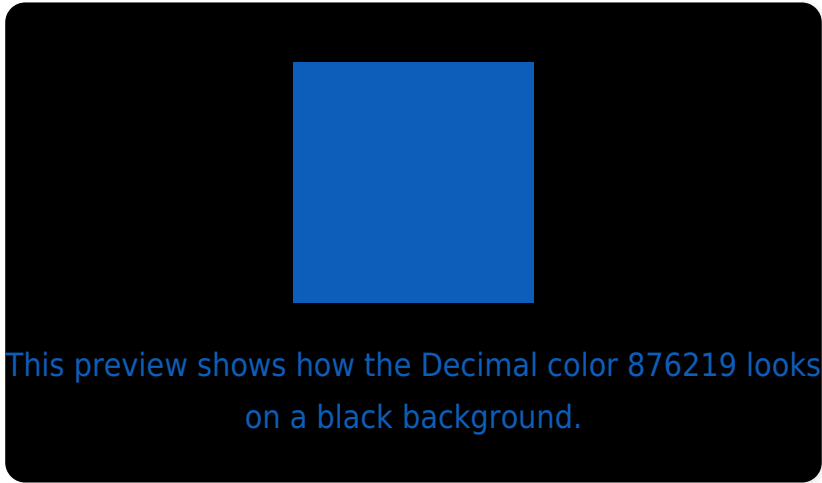
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

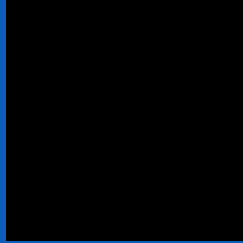
Any Text WCAG AA × Fail

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 876219 Background



This preview shows how black text looks on a background with the Decimal color 876219.




This preview shows how white text looks on a background with the Decimal color 876219.

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](#).

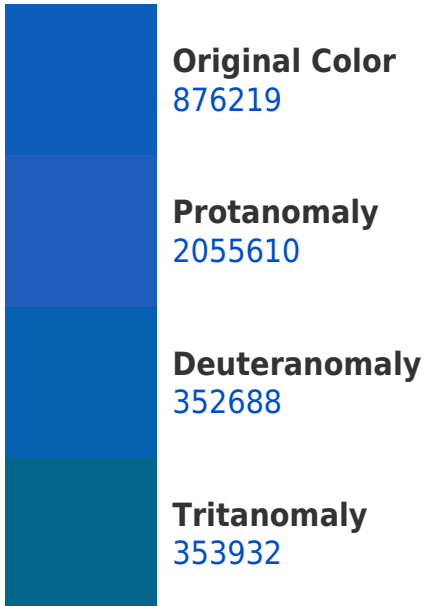
Dichromacy



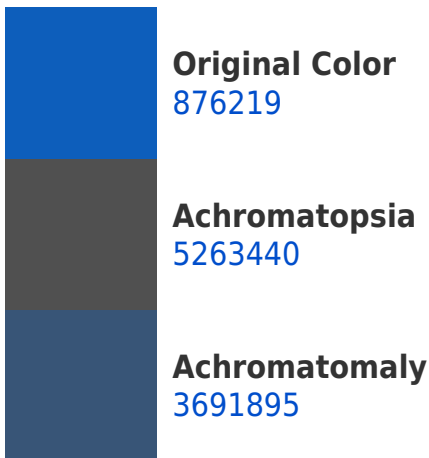


Tritanopia
27249

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 876219 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 #0D5EBB looks like.

```
.text, #text, p{  
    color:#0D5EBB  
}
```

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 #0D5EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5EBB
}
```

Border

The CSS property to change the border of an element to Decimal 876219 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
#0D5EBB }
```

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

```
.border{ border-color:#0D5EBB }
```

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

Here you see how a box with a 4 pixel #0D5EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5EBB; -webkit-box-shadow:4px 4px  
4px 4px #0D5EBB; box-shadow:4px 4px 4px  
4px #0D5EBB }
```

Background

The CSS property to change the background color of an element to Decimal 876219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5EBB }
```

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

```
.background{ background-color:#0D5EBB }
```

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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