

Converting Colors

Decimal(18870)

Have a look what the booklet for
Decimal(18870) contains.

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Color

Decimal(18870)

Conversions

Conversions Part 1

Format	Color
Hex	0049B6
RGB	0, 73, 182
RGB Percent	0%, 29%, 71%
CMY	1.0000, 0.7137, 0.2863
CMYK	1.00, 0.60, 0.00, 0.29
HSL	216°, 100%, 36%
HSV	216°, 100%, 71%
XYZ	10.8260, 8.1425, 45.2570
YIQ	63.5990, -78.4970, 18.4230

Conversions

Conversions Part 2

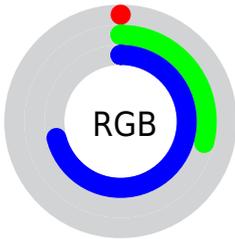
Format	Color
R _{YB}	0, 52, 182
Decimal	18870
CIE _{Lab}	34.28, 25.66, -62.57
CIE _{LCh}	34, 67.628, 292.295
Yxy	8.1425, 0.1686, 0.1268
Android (android.graphics.Color)	4278208950 (0xFF0049B6)
YUV	63.5990, 58.3717, -55.7763
Hunter-Lab	28.5350, 17.7856, -74.0604

Details

The Decimal color **18870** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11955456**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **6191599**, and **8064** is the 20% darker color. If you saturate the color by 10%, you get **18870**, and if you desaturate by 10%, it is **1201334**.

Distribution



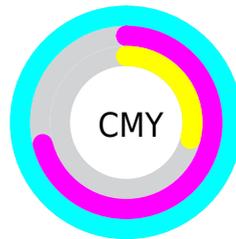
- Red (0%)
- Green (29%)
- Blue (71%)



- Red (0%)
- Yellow (20%)
- Blue (71%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18870 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 18870 by changing the saturation by 10% instead.

 18870	 18870
 16777215	 13211
 6191599	 8064
 8229631	 2918
 10202623	 2381
 12175615	 1333
 14148863	 543
 16187391	 2
	 0

 18870

■ 1201334

■ 2383798

■ 3631798

■ 4814262

■ 5996726

■ 7178934

■ 8361398

■ 9609398

■ 10791862

Harmonies

Analogous

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



23741



18870



8464019

Triad

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



18870



9710848



25921

Complementary

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



18870



11955456

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.



25088



18870



7293440

Square

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



18870



11075628



4020736



26232

Rectangle

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



18870



10289267



4020736



25645

Sweetspot

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



18870



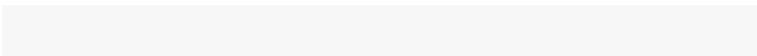
10929133



46698



5070456



16250871



7895160

Same Dimension

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



18870



24557



983222



5461596



16028



2844

Inverse Universe

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



11927625



15532127



10991104



6050646



10223678



1835019

Previews

White Background



This preview shows how the Decimal color 18870 looks on a white background.

Color Contrast Check

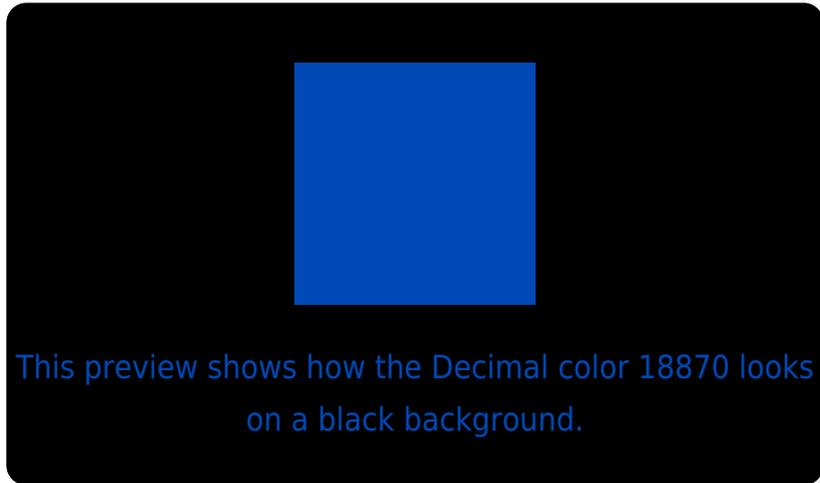
Large Text (above 18pt) WCAG AA ✓ Pass

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

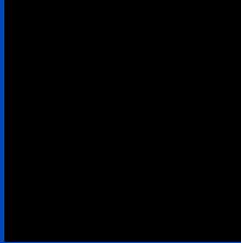
Any Text WCAG AA × Fail

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 18870 Background



This preview shows how black text looks on a background with the Decimal color 18870.



This preview shows how white text looks on a background with the Decimal color 18870.

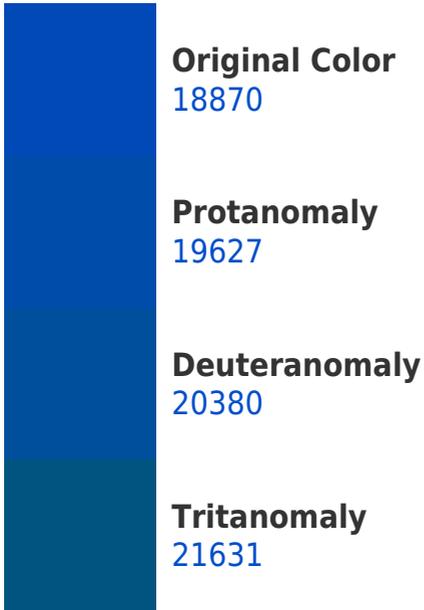
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 18870 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 #0049B6 looks like.

```
.text, #text, p{  
    color:#0049B6  
}
```

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 #0049B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0049B6
}
```

Border

The CSS property to change the border of an element to Decimal 18870 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
#0049B6 }
```

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

```
.border{ border-color:#0049B6 }
```

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

Here you see how a box with a 4 pixel #0049B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0049B6; -webkit-box-shadow:4px 4px  
4px 4px #0049B6; box-shadow:4px 4px 4px  
4px #0049B6 }
```

Background

The CSS property to change the background color of an element to Decimal 18870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0049B6 }
```

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

```
.background{ background-color:#0049B6 }
```

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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