

Converting Colors

Decimal(18851)

Have a look what the booklet for
Decimal(18851) contains.

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Color

Decimal(18851)

Conversions

Conversions Part 1

Format	Color
Hex	0049A3
RGB	0, 73, 163
RGB Percent	0%, 29%, 64%
CMY	1.0000, 0.7137, 0.3608
CMYK	1.00, 0.55, 0.00, 0.36
HSL	213°, 100%, 32%
HSV	213°, 100%, 64%
XYZ	8.9934, 7.4094, 35.6065
YIQ	61.4330, -72.3980, 12.5140

Conversions

Conversions Part 2

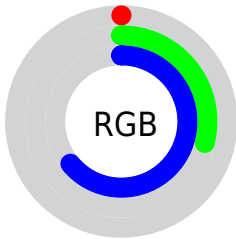
Format	Color
RYB	0, 50, 163
Decimal	18851
CIELab	32.72, 17.84, -53.79
CIELCh	33, 56.668, 288.344
Yxy	7.4094, 0.1729, 0.1425
Android (android.graphics.Color)	4278208931 (0xFF0049A3)
YUV	61.4330, 50.0725, -53.8767
Hunter-Lab	27.2203, 11.3398, -58.5023

Details

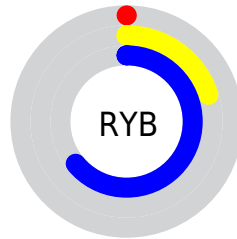
The Decimal color **18851** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10705408**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5798363**, and **8046** is the 20% darker color. If you saturate the color by 10%, you get **18851**, and if you desaturate by 10%, it is **1069731**.

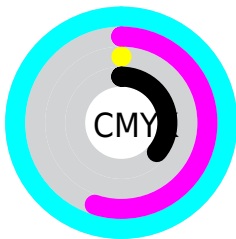
Distribution



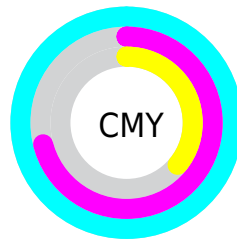
- Red (0%)
- Green (29%)
- Blue (64%)



- Red (0%)
- Yellow (20%)
- Blue (64%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



















- Cyan (100%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18851 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 18851 by changing the saturation by 10% instead.

 18851	 18851
 16777215	 13192
 5798363	 8046
 7770872	 1877
 9678335	 1597
 11651327	 806
 13559039	 272
 15532031	 0

 18851

 1069731

■ 2186147

■ 3237027

■ 4287907

■ 5404323

■ 6455203

■ 7506083

■ 8556963

■ 9673379

Harmonies

Analogous

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



22693



18851



7287177

Triad

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



18851



9055750



24377

Complementary

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



18851



10705408

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.



23300



18851



7161088

Square

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



18851



10031156



4543232



24680

Rectangle

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



18851



9051503



4543232



24106

Sweetspot

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



18851



9744852



41818



4544107



15461355



7039851

Same Dimension

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



18851



24532



524451



4803922



16785



2066

Inverse Universe

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



10682441



13893727



10199808



5392717



9502785



1179656

Previews

White Background



This preview shows how the Decimal color 18851 looks on a white background.

Color Contrast Check

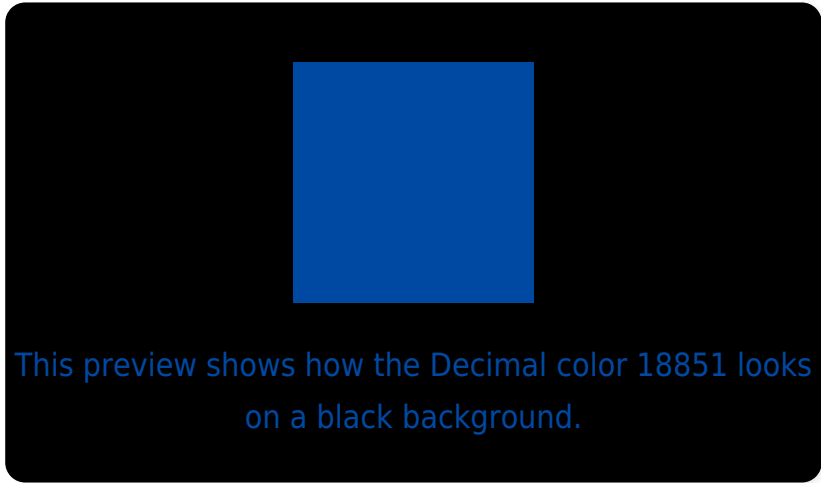
Large Text (above 18pt) WCAG AA ✓ Pass

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

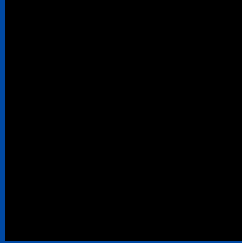
Any Text WCAG AA × Fail

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 18851 Background



This preview shows how black text looks on a background with the Decimal color 18851.



This preview shows how white text looks on a background with the Decimal color 18851.

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

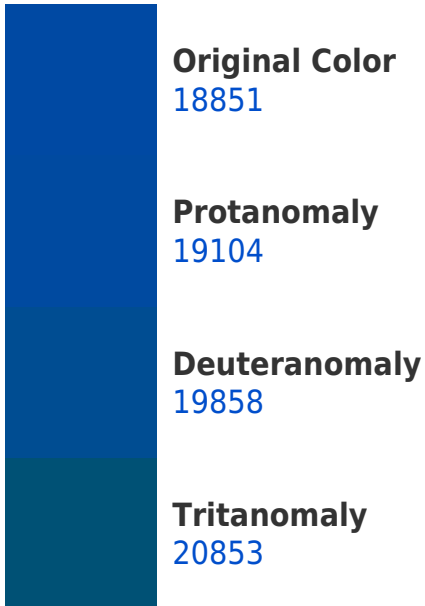


Original Color
18851

Protanopia
19102

Deuteranopia
20360

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 18851 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 #0049A3 looks like.

```
.text, #text, p{  
    color:#0049A3  
}
```

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 #0049A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0049A3
}
```

Border

The CSS property to change the border of an element to Decimal 18851 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
#0049A3 }
```

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

```
.border{ border-color:#0049A3 }
```

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

Here you see how a box with a 4 pixel #0049A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0049A3; -webkit-box-shadow:4px 4px  
4px 4px #0049A3; box-shadow:4px 4px 4px  
4px #0049A3 }
```

Background

The CSS property to change the background color of an element to Decimal 18851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0049A3 }
```

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

```
.background{ background-color:#0049A3 }
```

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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