

Converting Colors

Decimal(18848)

Have a look what the booklet for
Decimal(18848) contains.

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Color

Decimal(18848)

Conversions

Conversions Part 1

Format	Color
Hex	0049A0
RGB	0, 73, 160
RGB Percent	0%, 29%, 63%
CMY	1.0000, 0.7137, 0.3725
CMYK	1.00, 0.54, 0.00, 0.37
HSL	213°, 100%, 31%
HSV	213°, 100%, 63%
XYZ	8.7277, 7.3032, 34.2074
YIQ	61.0910, -71.4350, 11.5810

Conversions

Conversions Part 2

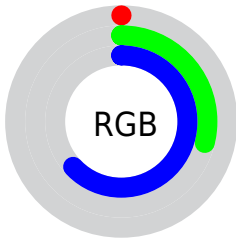
Format	Color
RYB	0, 50, 160
Decimal	18848
CIELab	32.49, 16.58, -52.36
CIELCh	32, 54.924, 287.567
Yxy	7.3032, 0.1737, 0.1454
Android (android.graphics.Color)	4278208928 (0xFF0049A0)
YUV	61.0910, 48.7621, -53.5768
Hunter-Lab	27.0243, 10.3553, -56.1321

Details

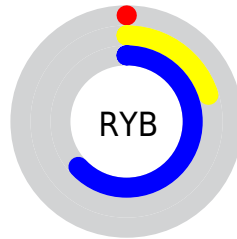
The Decimal color **18848** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10508032**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5732824**, and **8043** is the 20% darker color. If you saturate the color by 10%, you get **18848**, and if you desaturate by 10%, it is **1069728**.

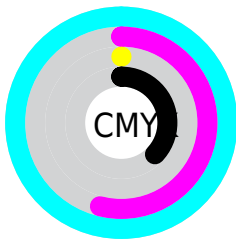
Distribution



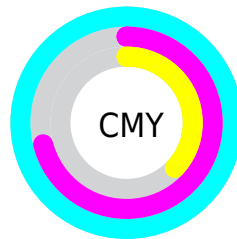
- Red (0%)
- Green (29%)
- Blue (63%)



- Red (0%)
- Yellow (20%)
- Blue (63%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (37%)



















- Cyan (100%)
- Magenta (71%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18848 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 18848 by changing the saturation by 10% instead.

 18848	 18848
 16777215	 13189
 5732824	 8043
 7705332	 1875
 9612799	 1595
 11520255	 548
 13493503	 12
 15466495	 0

 18848

 1069728

■ 2120352

■ 3171232

■ 4222112

■ 5272992

■ 6323616

■ 7374496

■ 8425376

■ 9476000

Harmonies

Analogous

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



22434



18848



7090824

Triad

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



18848



8990218



24120

Complementary

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



18848



10508032

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.



23045



18848



7160832

Square

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



18848



9901109



4608512



24421

Rectangle

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



18848



8855662



4608512



23849

Sweetspot

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



18848



9613265



41045



4412521



15263976



6908265

Same Dimension

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



18848



24529



327840



4672335



16783



1807

Inverse Universe

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



10485833



13697119



10199040



5195595



9371713



983047

Previews

White Background



This preview shows how the Decimal color 18848 looks on a white background.

Color Contrast Check

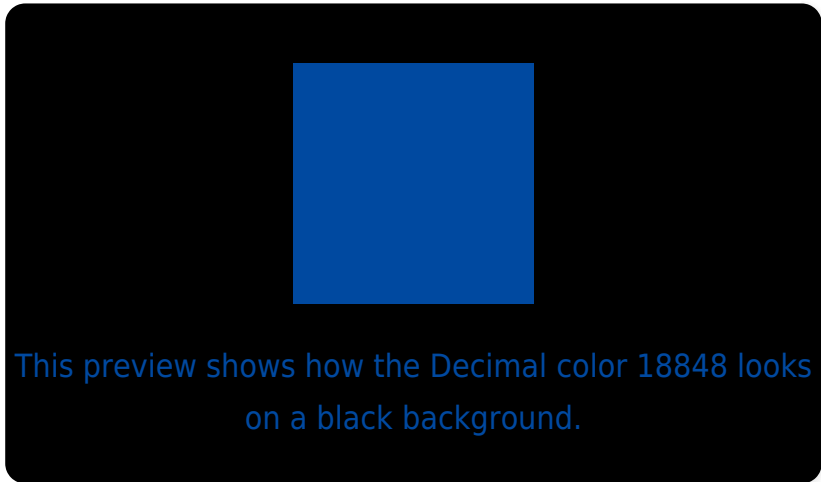
Large Text (above 18pt) WCAG AA ✓ Pass

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

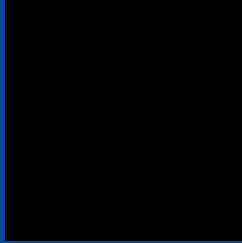
Any Text WCAG AA × Fail

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 18848 Background



This preview shows how black text looks on a background with the Decimal color 18848.



This preview shows how white text looks on a background with the Decimal color 18848.

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

18848

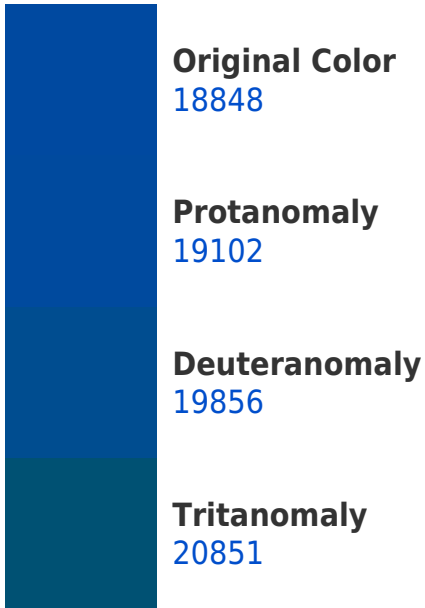
Protanopia

19101

Deuteranopia

20359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 18848 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 #0049A0 looks like.

```
.text, #text, p{  
    color:#0049A0  
}
```

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 #0049A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0049A0
}
```

Border

The CSS property to change the border of an element to Decimal 18848 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
#0049A0 }
```

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

```
.border{ border-color:#0049A0 }
```

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

Here you see how a box with a 4 pixel #0049A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0049A0; -webkit-box-shadow:4px 4px  
4px 4px #0049A0; box-shadow:4px 4px 4px  
4px #0049A0 }
```

Background

The CSS property to change the background color of an element to Decimal 18848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0049A0 }
```

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

```
.background{ background-color:#0049A0 }
```

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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