

Converting Colors

Decimal(17849)

Have a look what the booklet for
Decimal(17849) contains.

Decimal(17849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(17849)

Conversions

Conversions Part 1

Format	Color
Hex	0045B9
RGB	0, 69, 185
RGB Percent	0%, 27%, 73%
CMY	1.0000, 0.7294, 0.2745
CMYK	1.00, 0.63, 0.00, 0.27
HSL	218°, 100%, 36%
HSV	218°, 100%, 73%
XYZ	10.8851, 7.7590, 46.8229
YIQ	61.5930, -78.3600, 21.4480

Conversions

Conversions Part 2

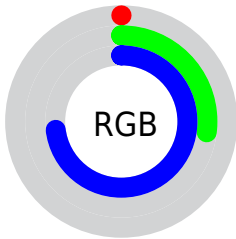
Format	Color
R _Y B	0, 50, 185
Decimal	17849
CIE Lab	33.48, 29.55, -65.66
CIE LCh	33, 72.001, 294.233
Yxy	7.7590, 0.1663, 0.1185
Android (android.graphics.Color)	4278207929 (0xFF0045B9)
YUV	61.5930, 60.8397, -54.0171
Hunter-Lab	27.8550, 21.0072, -80.1649

Details

The Decimal color **17849** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **12153856**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **6256114**, and **7299** is the 20% darker color. If you saturate the color by 10%, you get **17849**, and if you desaturate by 10%, it is **1200569**.

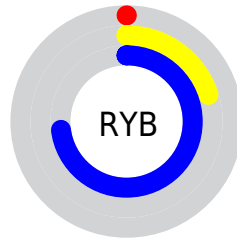
Distribution



Red (0%)

Green (27%)

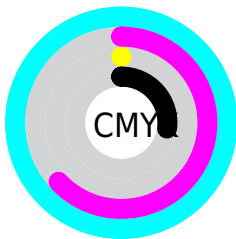
Blue (73%)



Red (0%)

Yellow (20%)

Blue (73%)

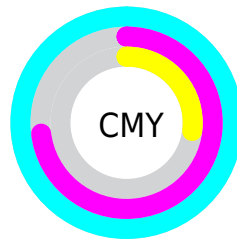


Cyan (100%)

Magenta (63%)

Yellow (0%)

Black (27%)



Cyan (100%)

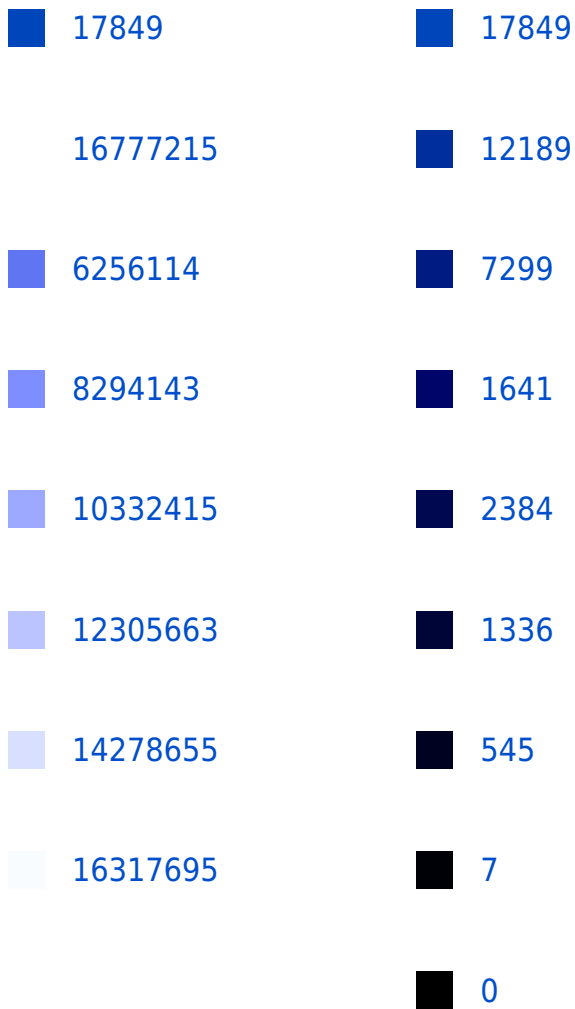
Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17849 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 17849 by changing the saturation by 10% instead.



17849

■ 1200569

■ 2448569

■ 3696825

■ 4879289

■ 6127545

■ 7310265

■ 8558265

■ 9740985

■ 10988985

Harmonies

Analogous

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



23235



17849



8722835

Triad

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



17849



9644544



25666

Complementary

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



17849



12153856

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.



24832



17849



6965504

Square

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



17849



11141157



3365120



25981

Rectangle

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



17849



10551407



3365120



25389

Sweetspot

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



17849



11060208



47474



5070200



16250871



7895160

Same Dimension

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



17849



23024



1441977



5461596



15004



2588

Inverse Universe

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



12124229



15728729



10729728



6050646



10223674



1835018

Previews

White Background



This preview shows how the Decimal color 17849 looks on a white background.

Color Contrast Check

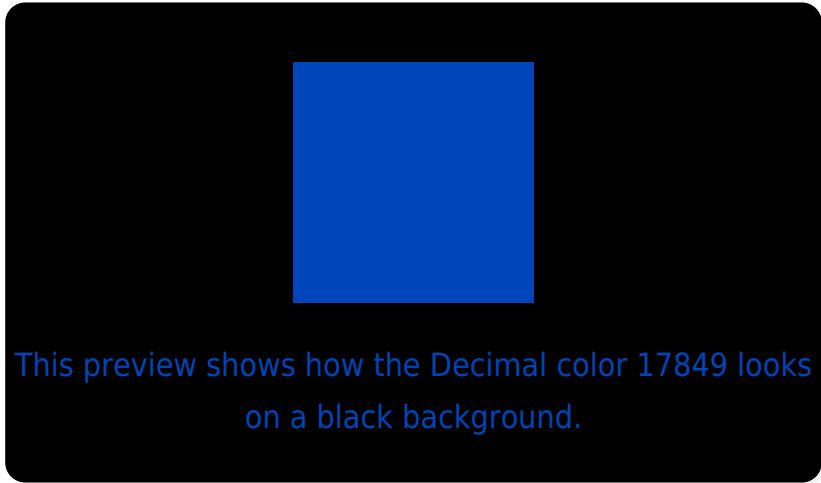
Large Text (above 18pt) WCAG AA ✓ Pass

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

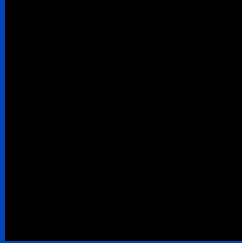
Any Text WCAG AA × Fail

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 17849 Background



This preview shows how black text looks on a background with the Decimal color 17849.



This preview shows how white text looks on a background with the Decimal color 17849.

Color Blindness Simulation

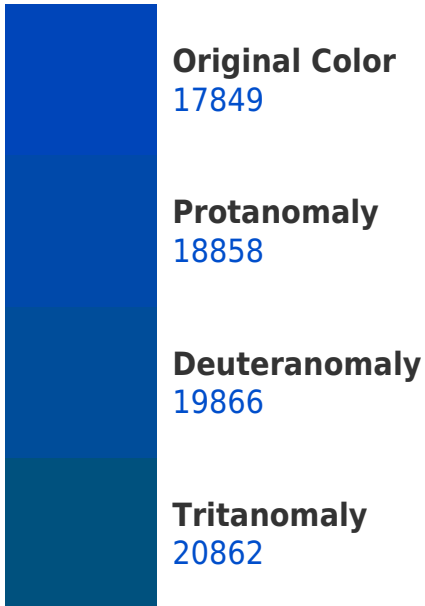
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 17849 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 #0045B9 looks like.

```
.text, #text, p{  
    color:#0045B9  
}
```

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 #0045B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0045B9
}
```

Border

The CSS property to change the border of an element to Decimal 17849 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
#0045B9 }
```

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

```
.border{ border-color:#0045B9 }
```

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

Here you see how a box with a 4 pixel #0045B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0045B9; -webkit-box-shadow:4px 4px  
4px 4px #0045B9; box-shadow:4px 4px 4px  
4px #0045B9 }
```

Background

The CSS property to change the background color of an element to Decimal 17849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0045B9 }
```

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

```
.background{ background-color:#0045B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor