

Converting Colors

Decimal(17074)

Have a look what the booklet for
Decimal(17074) contains.

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Color

Decimal(17074)

Conversions

Conversions Part 1

Format	Color
Hex	0042B2
RGB	0, 66, 178
RGB Percent	0%, 26%, 70%
CMY	1.0000, 0.7412, 0.3020
CMYK	1.00, 0.63, 0.00, 0.30
HSL	218°, 100%, 35%
HSV	218°, 100%, 70%
XYZ	9.9841, 7.1108, 42.9658
YIQ	59.0340, -75.2880, 20.8400

Conversions

Conversions Part 2

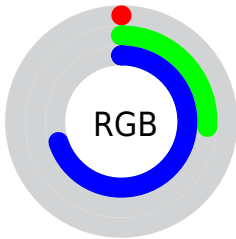
Format	Color
RYB	0, 48, 178
Decimal	17074
CIELab	32.06, 28.77, -63.84
CIELCh	32, 70.022, 294.261
Yxy	7.1108, 0.1662, 0.1184
Android (android.graphics.Color)	4278207154 (0xFF0042B2)
YUV	59.0340, 58.6502, -51.7728
Hunter-Lab	26.6660, 20.1670, -76.8650

Details

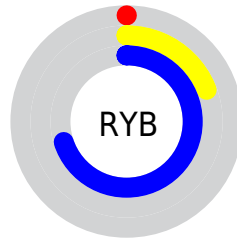
The Decimal color **17074** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11694080**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **6124011**, and **6524** is the 20% darker color. If you saturate the color by 10%, you get **17074**, and if you desaturate by 10%, it is **1199538**.

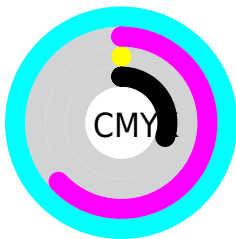
Distribution



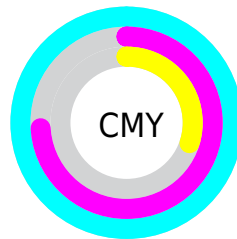
- Red (0%)
- Green (26%)
- Blue (70%)



- Red (0%)
- Yellow (19%)
- Blue (70%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (30%)



















- Cyan (100%)
- Magenta (74%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17074 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 17074 by changing the saturation by 10% instead.

 17074	 17074
 16777215	 11415
 6124011	 6524
 8162303	 354
 10135039	 2378
 12108031	 1074
 14081279	 540
 16120063	 0

 17074

 1199538

■ 2382002

■ 3499186

■ 4681650

■ 5864114

■ 7046578

■ 8229042

■ 9346226

■ 10528690

Harmonies

Analogous

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



22459



17074



8394637

Triad

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



17074



9250816



24639

Complementary

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



17074



11694080

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.



23808



17074



6702592

Square

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



17074



10747939



3233024



24952

Rectangle

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



17074



10158187



3233024



24363

Sweetspot

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



17074



10665192



45678



4938613



16119285



7697781

Same Dimension

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



17074



22248



1376434



5264473



14745



2330

Inverse Universe

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



11665474



15204438



10334720



5853268



10027065



1703945

Previews

White Background



This preview shows how the Decimal color 17074 looks on a white background.

Color Contrast Check

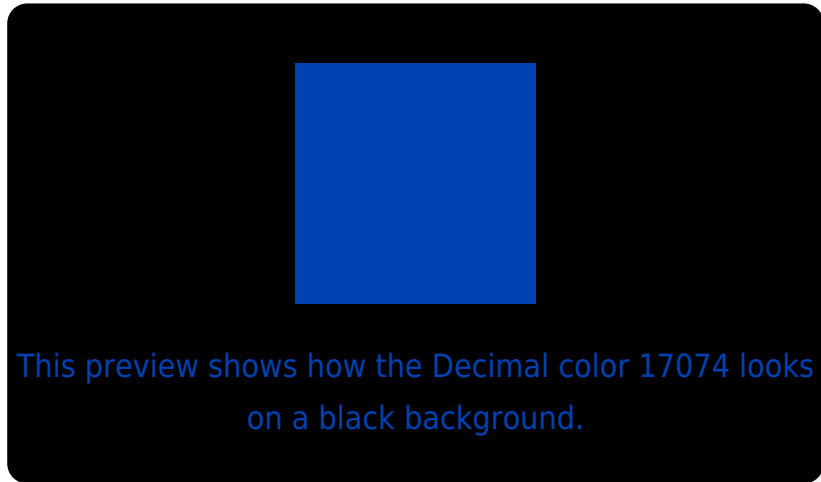
Large Text (above 18pt) WCAG AA ✓ Pass

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

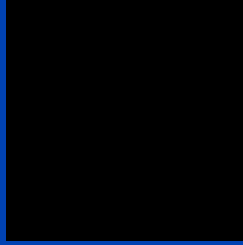
Any Text WCAG AA × Fail

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 17074 Background



This preview shows how black text looks on a background with the Decimal color 17074.



This preview shows how white text looks on a background with the Decimal color 17074.

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

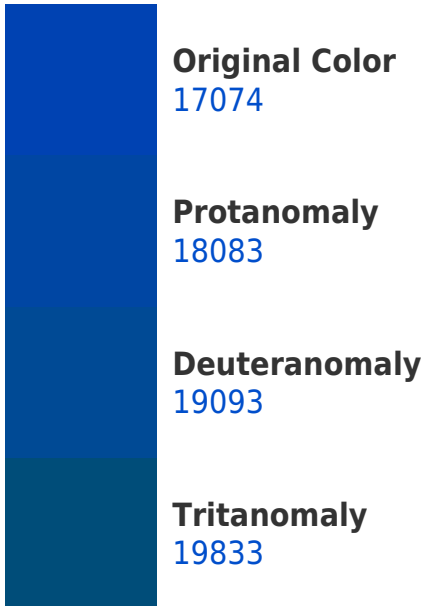


Original Color
17074

Protanopia
18842

Deuteranopia
20100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 17074 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 #0042B2 looks like.

```
.text, #text, p{  
    color:#0042B2  
}
```

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 #0042B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0042B2
}
```

Border

The CSS property to change the border of an element to Decimal 17074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

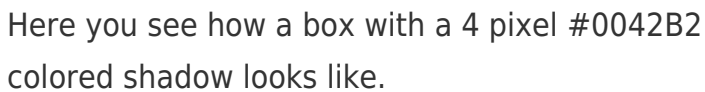
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0042B2 }
```

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

```
.border{ border-color:#0042B2 }
```

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



Here you see how a box with a 4 pixel #0042B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0042B2; -webkit-box-shadow:4px 4px  
4px 4px #0042B2; box-shadow:4px 4px 4px  
4px #0042B2 }
```

Background

The CSS property to change the background color of an element to Decimal 17074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0042B2 }
```

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

```
.background{ background-color:#0042B2 }
```

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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