

Converting Colors

Decimal(15816)

Have a look what the booklet for
Decimal(15816) contains.

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Color

Decimal(15816)

Conversions

Conversions Part 1

Format	Color
Hex	003DC8
RGB	0, 61, 200
RGB Percent	0%, 24%, 78%
CMY	1.0000, 0.7608, 0.2157
CMYK	1.00, 0.69, 0.00, 0.22
HSL	222°, 100%, 39%
HSV	222°, 100%, 78%
XYZ	12.0941, 7.5076, 55.4553
YIQ	58.6070, -80.9750, 30.2970

Conversions

Conversions Part 2

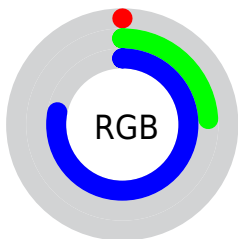
Format	Color
RYB	0, 47, 200
Decimal	15816
CIELab	32.94, 40.56, -75.35
CIELCh	33, 85.569, 298.292
Yxy	7.5076, 0.1611, 0.1000
Android (android.graphics.Color)	4278205896 (0xFF003DC8)
YUV	58.6070, 69.7067, -51.3983
Hunter-Lab	27.4000, 30.8379, -100.8178

Details

The Decimal color **15816** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **13142784**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **6647039**, and **5265** is the 20% darker color. If you saturate the color by 10%, you get **15816**, and if you desaturate by 10%, it is **1330120**.

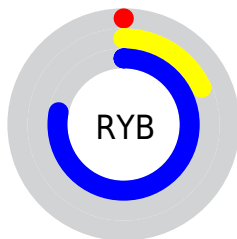
Distribution



Red (0%)

Green (24%)

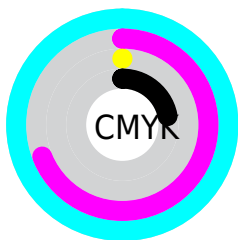
Blue (78%)



Red (0%)

Yellow (18%)

Blue (78%)

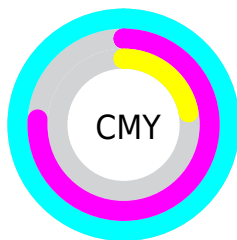


Cyan (100%)

Magenta (69%)

Yellow (0%)

Black (22%)



Cyan (100%)


















Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15816 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 15816 by changing the saturation by 10% instead.

 15816	 15816
 16777215	 10156
 6647039	 5265
 8750847	 118
 10789119	 1628
 12827647	 1860
 14866431	 812
 16774143	 279
	 0

 15816

■ 1330120

■ 2644424

■ 3958728

■ 5273032

■ 6587336

■ 7901384

■ 9215688

■ 10529992

■ 11844296

Harmonies

Analogous

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



23257



15816



9765014

Triad

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



15816



9708544



25928

Complementary

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



15816



13142784

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



15816



6507008

Square

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



15816



11796499



1268480



26253

Rectangle

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



15816



11665515



1268480



25647

Sweetspot

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



15816



11782911



51337



5398656



0



8421504

Same Dimension

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



15816



20223



2425032



5922147



12963



2852

Inverse Universe

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



13107261



16711758



10733568



6511197



10682418



2359307

Previews

White Background



This preview shows how the Decimal color 15816 looks on a white background.

Color Contrast Check

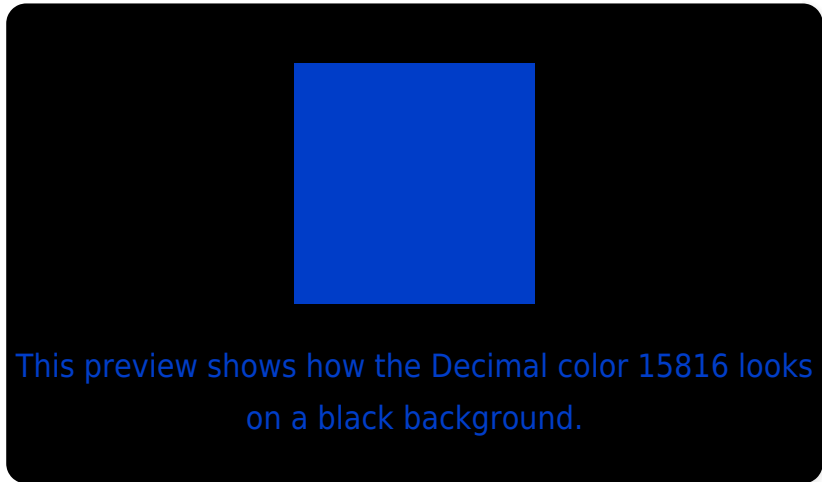
Large Text (above 18pt) WCAG AA ✓ Pass

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

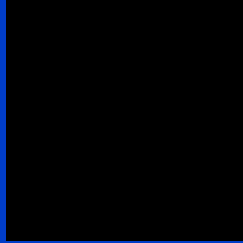
Any Text WCAG AA × Fail

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 15816 Background



This preview shows how black text looks on a background with the Decimal color 15816.

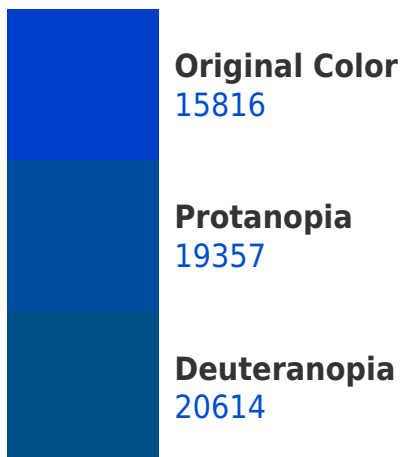


This preview shows how white text looks on a background with the Decimal color 15816.

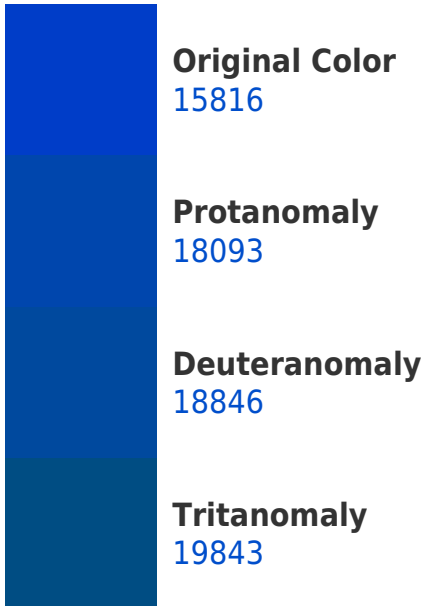
Color Blindness Simulation

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 15816 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 #003DC8 looks like.

```
.text, #text, p{  
    color:#003DC8  
}
```

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 #003DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003DC8
}
```

Border

The CSS property to change the border of an element to Decimal 15816 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
#003DC8 }
```

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

```
.border{ border-color:#003DC8 }
```

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

Here you see how a box with a 4 pixel #003DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003DC8; -webkit-box-shadow:4px 4px  
4px 4px #003DC8; box-shadow:4px 4px 4px  
4px #003DC8 }
```

Background

The CSS property to change the background color of an element to Decimal 15816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003DC8 }
```

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

```
.background{ background-color:#003DC8 }
```

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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