

Converting Colors

Decimal(14810)

Have a look what the booklet for
Decimal(14810) contains.

Decimal(14810)	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(14810)

Conversions

Conversions Part 1

Format	Color
Hex	0039DA
RGB	0, 57, 218
RGB Percent	0%, 22%, 85%
CMY	1.0000, 0.7765, 0.1451
CMYK	1.00, 0.74, 0.00, 0.15
HSL	224°, 100%, 43%
HSV	224°, 100%, 85%
XYZ	14.1180, 7.9882, 67.1274
YIQ	58.3110, -85.6530, 37.9870

Conversions

Conversions Part 2

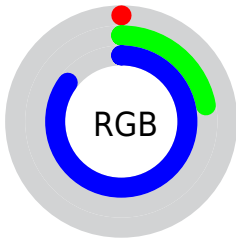
Format	Color
RYB	0, 45, 218
Decimal	14810
CIELab	33.96, 49.46, -84.08
CIELCh	34, 97.553, 300.465
Yxy	7.9882, 0.1582, 0.0895
Android (android.graphics.Color)	4278204890 (0xFF0039DA)
YUV	58.3110, 78.7267, -51.1387
Hunter-Lab	28.2634, 39.7025, -121.0332

Details

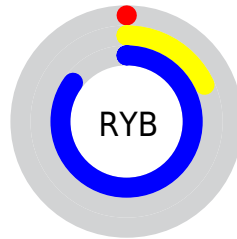
The Decimal color **14810** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **14328064**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **7039487**, and **3745** is the 20% darker color. If you saturate the color by 10%, you get **14810**, and if you desaturate by 10%, it is **1460698**.

Distribution



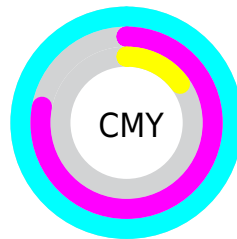
- Red (0%)
- Green (22%)
- Blue (85%)



- Red (0%)
- Yellow (18%)
- Blue (85%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (15%)





















- Cyan (100%)
- Magenta (78%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14810 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 14810 by changing the saturation by 10% instead.

 14810	 14810
 16777215	 9149
 7039487	 3745
 9208831	 134
 11312639	 364
 13416703	 2898
 15455487	 1594
 16773375	 548
	 11
	 0

■ 14810

■ 1460698

■ 2906586

■ 4286938

■ 5732826

■ 7178714

■ 8624858

■ 10070746

■ 11451098

■ 12896986

Harmonies

Analogous

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



24049



14810



10879134

Triad

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



14810



10166528



26959

Complementary

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



14810



14328064

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.



26112



14810



6376960

Square

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



14810



12648454



24576



27550

Rectangle

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



14810



12845164



24576



26675

Sweetspot

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



14810



11782143



55968



5398144



0



8421504

Same Dimension

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



14810



17407



3342554



6514286



11693



3118

Inverse Universe

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



14286905



16711747



11000320



7234406



11337773



3014668

Previews

White Background



This preview shows how the Decimal color 14810 looks on a white background.

Color Contrast Check

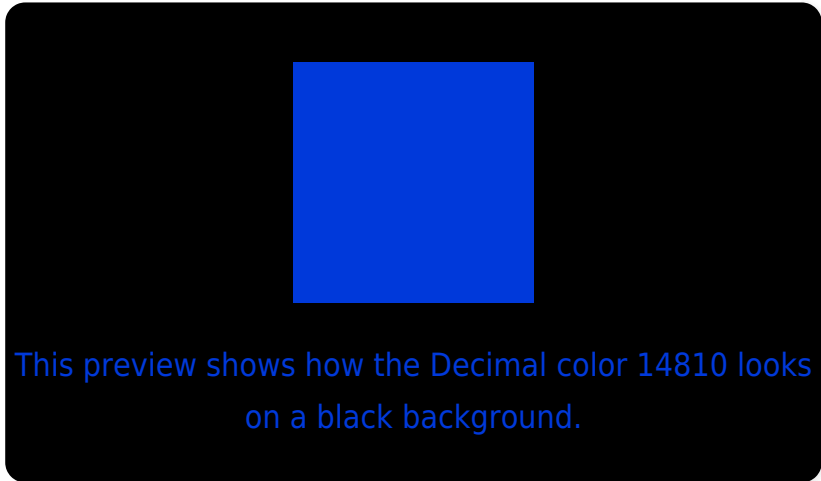
Large Text (above 18pt) WCAG AA ✓ Pass

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

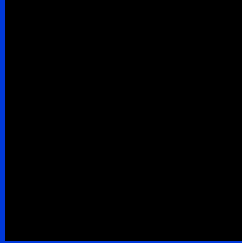
Any Text WCAG AA × Fail

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 14810 Background



This preview shows how black text looks on a background with the Decimal color 14810.

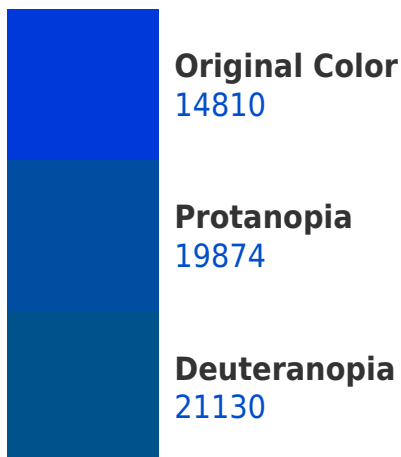


This preview shows how white text looks on a background with the Decimal color 14810.

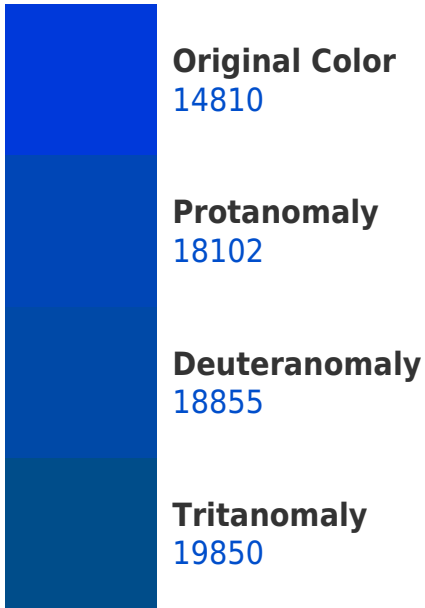
Color Blindness Simulation

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 14810 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 #0039DA looks like.

```
.text, #text, p{  
    color:#0039DA  
}
```

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 #0039DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0039DA
}
```

Border

The CSS property to change the border of an element to Decimal 14810 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
#0039DA }
```

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

```
.border{ border-color:#0039DA }
```

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

Here you see how a box with a 4 pixel #0039DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0039DA; -webkit-box-shadow:4px 4px  
4px 4px #0039DA; box-shadow:4px 4px 4px  
4px #0039DA }
```

Background

The CSS property to change the background color of an element to Decimal 14810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0039DA }
```

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

```
.background{ background-color:#0039DA }
```

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