

Converting Colors

Decimal(18351)

Have a look what the booklet for
Decimal(18351) contains.

Decimal(18351)	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(18351)

Conversions

Conversions Part 1

Format	Color
Hex	0047AF
RGB	0, 71, 175
RGB Percent	0%, 28%, 69%
CMY	1.0000, 0.7216, 0.3137
CMYK	1.00, 0.59, 0.00, 0.31
HSL	216°, 100%, 34%
HSV	216°, 100%, 69%
XYZ	9.9911, 7.6016, 41.4981
YIQ	61.6270, -75.7000, 17.2920

Conversions

Conversions Part 2

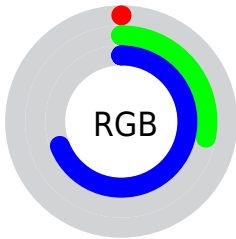
Format	Color
RYB	0, 51, 175
Decimal	18351
CIELab	33.14, 24.17, -60.28
CIELCh	33, 64.947, 291.845
Yxy	7.6016, 0.1691, 0.1286
Android (android.graphics.Color)	4278208431 (0xFF0047AF)
YUV	61.6270, 55.8929, -54.0469
Hunter-Lab	27.5710, 16.4349, -69.9397

Details

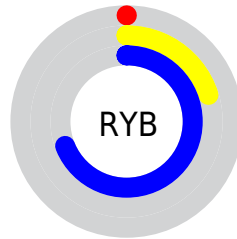
The Decimal color **18351** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11495424**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **6060007**, and **7545** is the 20% darker color. If you saturate the color by 10%, you get **18351**, and if you desaturate by 10%, it is **1135023**.

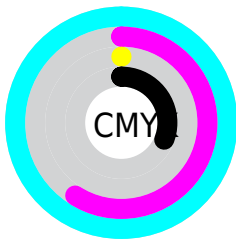
Distribution



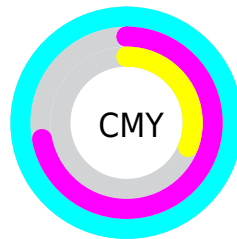
- Red (0%)
- Green (28%)
- Blue (69%)



- Red (0%)
- Yellow (20%)
- Blue (69%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (31%)



















- Cyan (100%)
- Magenta (72%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18351 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 18351 by changing the saturation by 10% instead.

 18351	 18351
 16777215	 12692
 6060007	 7545
 8032511	 1888
 10005503	 2119
 11978495	 1072
 13951743	 282
 15990527	 0

 18351

 1135023

■ 2317487

■ 3499695

■ 4616623

■ 5798831

■ 6915503

■ 8032431

■ 9214639

■ 10397103

Harmonies

Analogous

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



22965



18351



8070798

Triad

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



18351



9382912



25150

Complementary

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



18351



11495424

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.



24064



18351



7096064

Square

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



18351



10682412



4019712



25459

Rectangle

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



18351



9896047



4019712



24875

Sweetspot

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



18351



10468067



44902



4807283



15921906



7566195

Same Dimension

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



18351



23779



983215



5132887



15766



2327

Inverse Universe

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



11468871



14876764



10530560



5721682



9830461



1507337

Previews

White Background



This preview shows how the Decimal color 18351 looks on a white background.

Color Contrast Check

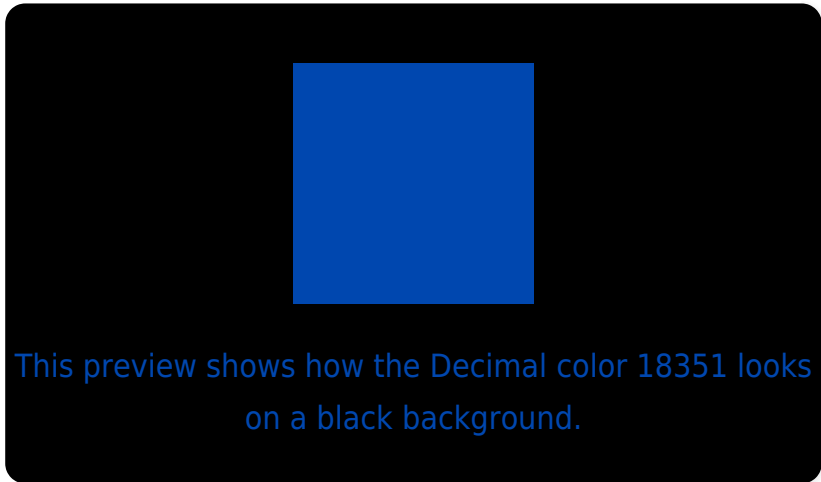
Large Text (above 18pt) WCAG AA ✓ Pass

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

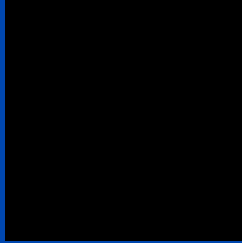
Any Text WCAG AA × Fail

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 18351 Background



This preview shows how black text looks on a background with the Decimal color 18351.

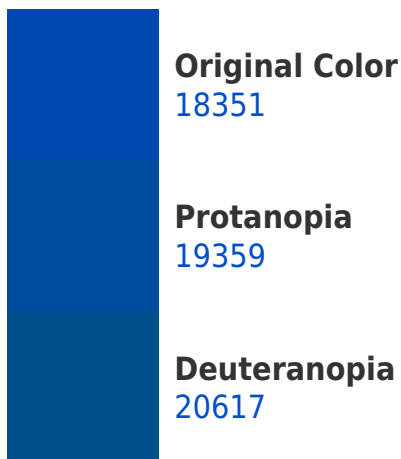


This preview shows how white text looks on a background with the Decimal color 18351.

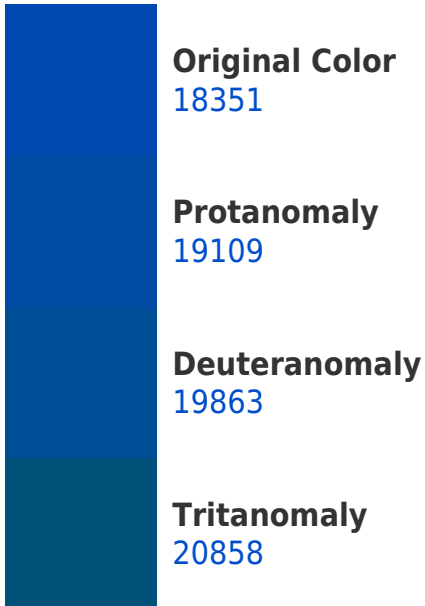
Color Blindness Simulation

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 18351 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 #0047AF looks like.

```
.text, #text, p{  
    color:#0047AF  
}
```

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 #0047AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0047AF
}
```

Border

The CSS property to change the border of an element to Decimal 18351 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
#0047AF }
```

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

```
.border{ border-color:#0047AF }
```

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

Here you see how a box with a 4 pixel #0047AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0047AF; -webkit-box-shadow:4px 4px  
4px 4px #0047AF; box-shadow:4px 4px 4px  
4px #0047AF }
```

Background

The CSS property to change the background color of an element to Decimal 18351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0047AF }
```

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

```
.background{ background-color:#0047AF }
```

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