

Converting Colors

Decimal(21450)

Have a look what the booklet for
Decimal(21450) contains.

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Color

Decimal(21450)

Conversions

Conversions Part 1

Format	Color
Hex	0053CA
RGB	0, 83, 202
RGB Percent	0%, 33%, 79%
CMY	1.0000, 0.6745, 0.2078
CMYK	1.00, 0.59, 0.00, 0.21
HSL	215°, 100%, 40%
HSV	215°, 100%, 79%
XYZ	13.7539, 10.4508, 57.1694
YIQ	71.7490, -87.6670, 19.4130

Conversions

Conversions Part 2

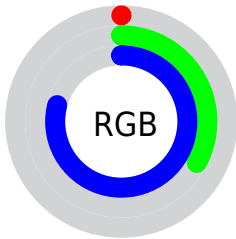
Format	Color
RYB	0, 59, 202
Decimal	21450
CIELab	38.64, 26.99, -67.14
CIElCh	39, 72.363, 291.897
Yxy	10.4508, 0.1690, 0.1284
Android (android.graphics.Color)	4278211530 (0xFF0053CA)
YUV	71.7490, 64.2137, -62.9239
Hunter-Lab	32.3277, 19.3701, -82.2212

Details

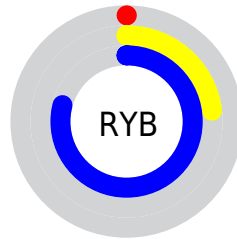
The Decimal color **21450** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **13268736**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **6522111**, and **10387** is the 20% darker color. If you saturate the color by 10%, you get **21450**, and if you desaturate by 10%, it is **1335242**.

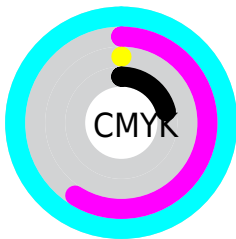
Distribution



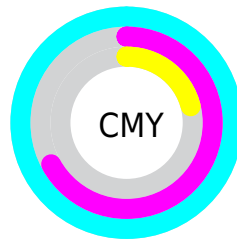
- Red (0%)
- Green (33%)
- Blue (79%)



- Red (0%)
- Yellow (23%)
- Blue (79%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (21%)

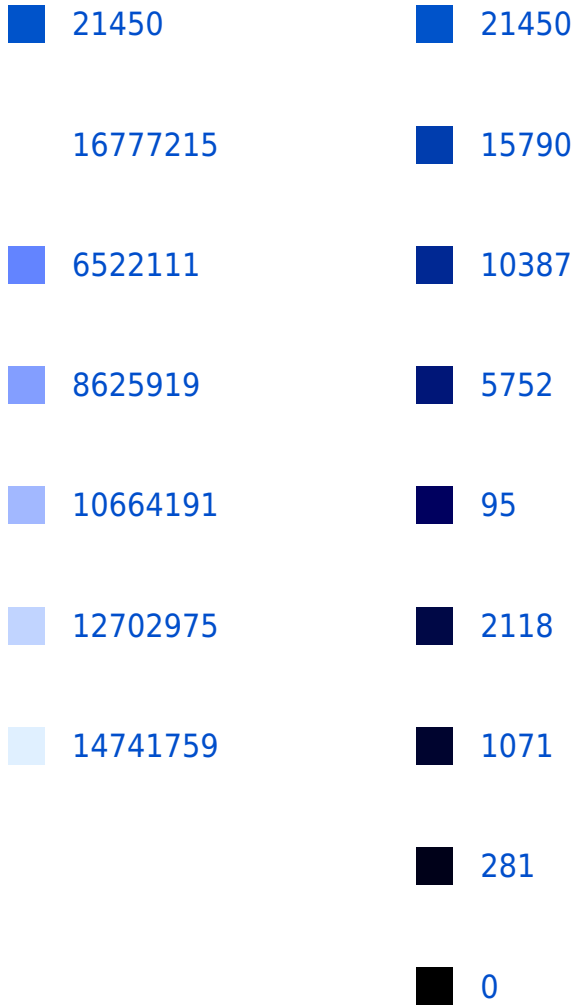


- Cyan (100%)
- Magenta (67%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21450 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 21450 by changing the saturation by 10% instead.



 21450

■ 1335242

■ 2649034

■ 4028362

■ 5342154

■ 6655946

■ 7969482

■ 9283274

■ 10662602

■ 11976394

Harmonies

Analogous

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



26833



21450



9383589

Triad

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



21450



10826752



29257

Complementary

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



21450



13268736

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.



28160



21450



8213248

Square

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



21450



12320820



4678912



29574

Rectangle

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



21450



11403393



4678912



28979

Sweetspot

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



21450



11784959



51830



5399680



0



8421504

Same Dimension

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



21450



27135



1114314



6053990



17574



4134

Inverse Universe

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



13238355



16711785



12175872



6708320



10879044



2490384

Previews

White Background



This preview shows how the Decimal color 21450 looks on a white background.

Color Contrast Check

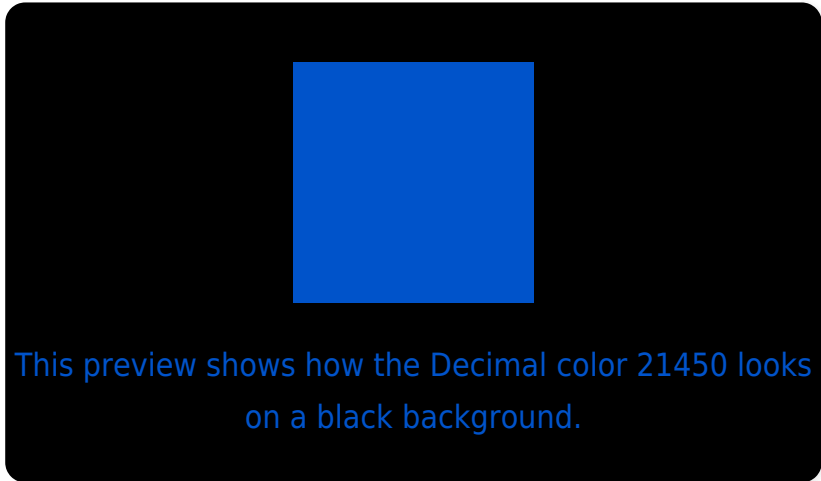
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

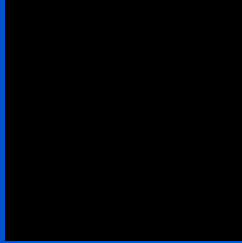
Any Text WCAG AA × Fail

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 21450 Background



This preview shows how black text looks on a background with the Decimal color 21450.

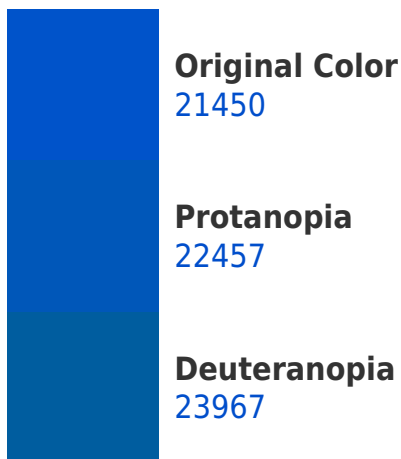


This preview shows how white text looks on a background with the Decimal color 21450.

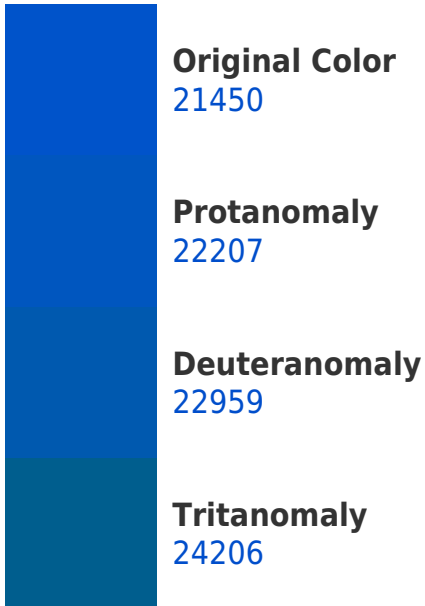
Color Blindness Simulation

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 21450 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 #0053CA looks like.

```
.text, #text, p{  
    color:#0053CA  
}
```

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 #0053CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0053CA
}
```

Border

The CSS property to change the border of an element to Decimal 21450 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
#0053CA }
```

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

```
.border{ border-color:#0053CA }
```

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

Here you see how a box with a 4 pixel #0053CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0053CA; -webkit-box-shadow:4px 4px  
4px 4px #0053CA; box-shadow:4px 4px 4px  
4px #0053CA }
```

Background

The CSS property to change the background color of an element to Decimal 21450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0053CA }
```

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

```
.background{ background-color:#0053CA }
```

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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