

# Converting Colors

Decimal(21677)

Have a look what the booklet for  
Decimal(21677) contains.

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# Color

**Decimal(21677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0054AD
RGB	0, 84, 173
RGB Percent	0%, 33%, 68%
CMY	1.0000, 0.6706, 0.3216
CMYK	1.00, 0.51, 0.00, 0.32
HSL	211°, 100%, 34%
HSV	211°, 100%, 68%
XYZ	10.7131, 9.3578, 40.7768
YIQ	69.0300, -78.6330, 9.8710

# Conversions

## Conversions Part 2

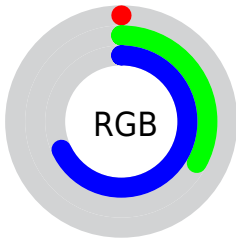
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 57, 173
Decimal	21677
CIELab	36.66, 14.52, -53.36
CIELCh	37, 55.302, 285.227
Yxy	9.3578, 0.1761, 0.1538
Android (android.graphics.Color)	4278211757 (0xFF0054AD)
YUV	69.0300, 51.2572, -60.5393
Hunter-Lab	30.5905, 8.9795, -57.6195

# Details

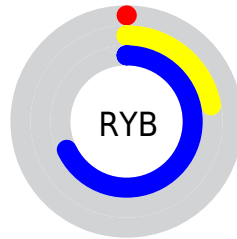
The Decimal color **21677** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **11360512**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **5932517**, and **10616** is the 20% darker color. If you saturate the color by 10%, you get **21677**, and if you desaturate by 10%, it is **1138093**.

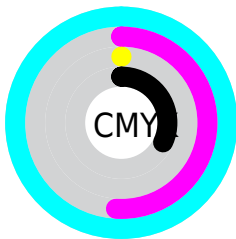
# Distribution



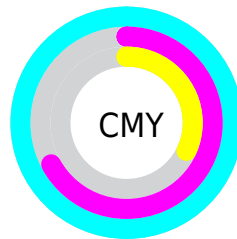
- Red (0%)
- Green (33%)
- Blue (68%)



- Red (0%)
- Yellow (22%)
- Blue (68%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (32%)



















- Cyan (100%)
- Magenta (67%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 21677 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 21677 by changing the saturation by 10% instead.



 21677	 21677
 16777215	 15762
 5932517	 10616
 7970815	 5726
 9878271	 2118
 11851263	 1071
 13824511	 281
 15794175	 0

 21677

 1138093

■ 2320045

■ 3436461

■ 4552877

■ 5734829

■ 6850989

■ 7967405

■ 9083821

■ 10265773

# Harmonies

## Analogous

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



25261



21677



7618198

# Triad

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



21677



9910039



26686

# Complementary

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



21677



11360512

# 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.



1664012



21677



8080384

# Square

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



21677



10756674



5528320



27244

# Rectangle

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



21677



9449084



5528320



26414



# Sweetspot

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



21677



10338016



44375



4742000



15790320



7368816



# Same Dimension

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



21677



28128



173



5132887



18838



2839



# Inverse Universe

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



11337812



14680173



11382016



5721682



9830473



1507339



# Previews

## White Background



This preview shows how the Decimal color 21677 looks on a white background.

## Color Contrast Check

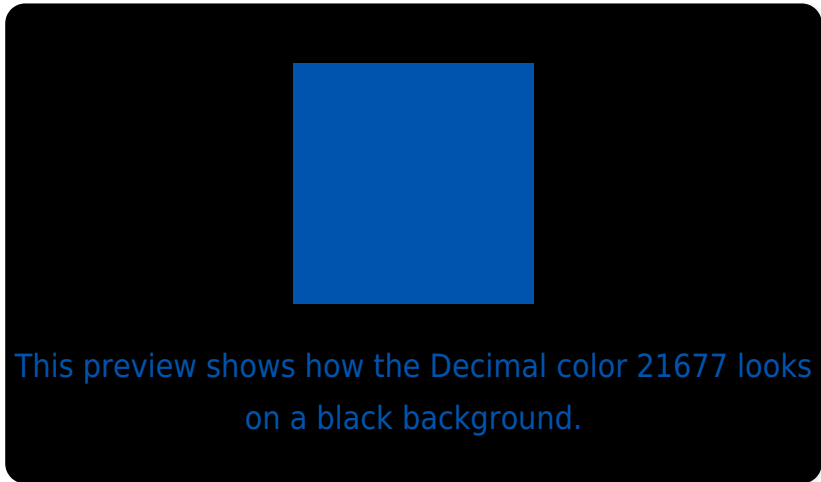
Large Text (above 18pt) WCAG AA ✓ Pass

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

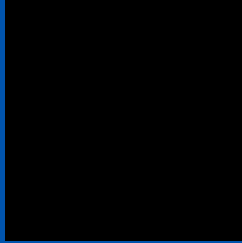
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 21677 Background



This preview shows how black text looks on a background with the Decimal color 21677.



This preview shows how white text looks on a background with the Decimal color 21677.

# Color Blindness Simulation

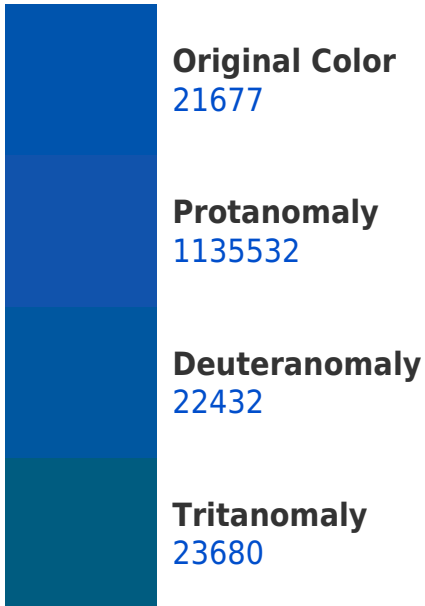
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 21677 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 #0054AD looks like.

```
.text, #text, p{  
    color:#0054AD  
}
```

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 #0054AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0054AD
}
```

## Border

The CSS property to change the border of an element to Decimal 21677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

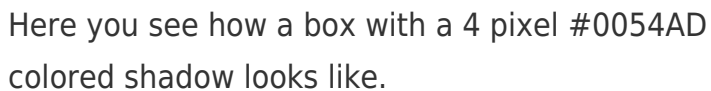
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0054AD }
```

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

```
.border{ border-color:#0054AD }
```

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



Here you see how a box with a 4 pixel #0054AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0054AD; -webkit-box-shadow:4px 4px  
4px 4px #0054AD; box-shadow:4px 4px 4px  
4px #0054AD }
```

# Background

The CSS property to change the background color of an element to Decimal 21677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0054AD }
```

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

```
.background{ background-color:#0054AD }
```

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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