

# Converting Colors

Decimal(19138)

Have a look what the booklet for  
Decimal(19138) contains.

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# Color

**Decimal(19138)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004AC2
RGB	0, 74, 194
RGB Percent	0%, 29%, 76%
CMY	1.0000, 0.7098, 0.2392
CMYK	1.00, 0.62, 0.00, 0.24
HSL	217°, 100%, 38%
HSV	217°, 100%, 76%
XYZ	12.1864, 8.7926, 52.0938
YIQ	65.5540, -82.6240, 21.6320

# Conversions

## Conversions Part 2

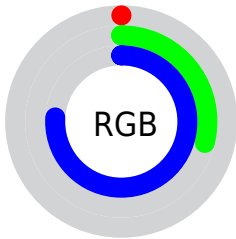
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 54, 194
Decimal	19138
CIELab	35.58, 29.79, -67.49
CIElCh	36, 73.772, 293.816
Yxy	8.7926, 0.1668, 0.1203
Android (android.graphics.Color)	4278209218 (0xFF004AC2)
YUV	65.5540, 63.3239, -57.4909
Hunter-Lab	29.6523, 21.4676, -83.4052

# Details

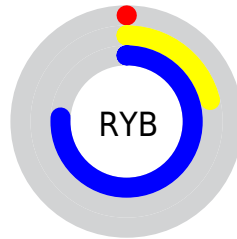
The Decimal color **19138** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **12744704**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **6454012**, and **8331** is the 20% darker color. If you saturate the color by 10%, you get **19138**, and if you desaturate by 10%, it is **1267394**.

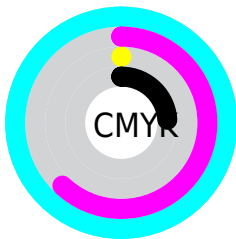
# Distribution



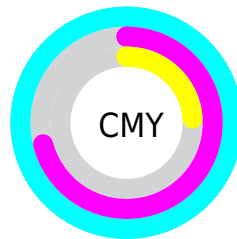
- Red (0%)
- Green (29%)
- Blue (76%)



- Red (0%)
- Yellow (21%)
- Blue (76%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (24%)



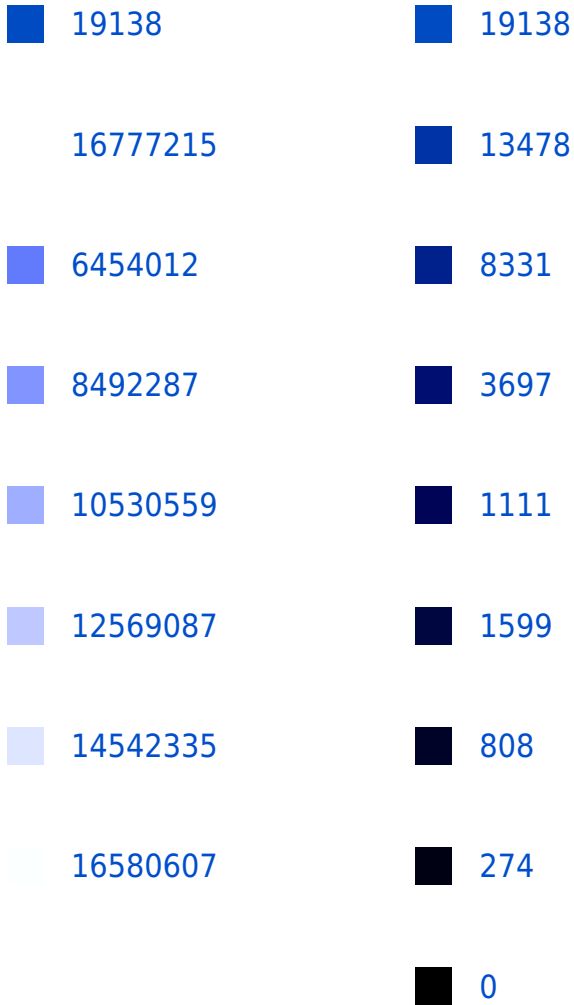
- Cyan (100%)
- Magenta (71%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 19138 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 19138 by changing the saturation by 10% instead.





19138

■ 1267394

■ 2581186

■ 3829442

■ 5143234

■ 6391490

■ 7639746

■ 8953538

■ 10201794

■ 11515586

# Harmonies

## Analogous

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



24780



19138



9117339

# Triad

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



19138



10169600



27205

# Complementary

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



19138



12744704

# 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



19138



7425280

# Square

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



19138



11730985



3759616



27522

# Rectangle

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



19138



11075702



3759616



26928



# Sweetspot

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



19138



11652860



49784



5399424



0



8421504



# Same Dimension

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



19138



24828



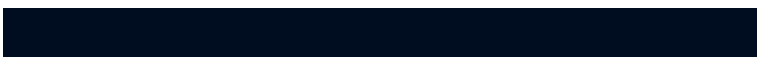
1507522



5725025



15777



3361



# Inverse Universe

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



12714058



16515168



11256320



6379355



10551357



2162701



# Previews

## White Background



This preview shows how the Decimal color 19138 looks on a white background.

## Color Contrast Check

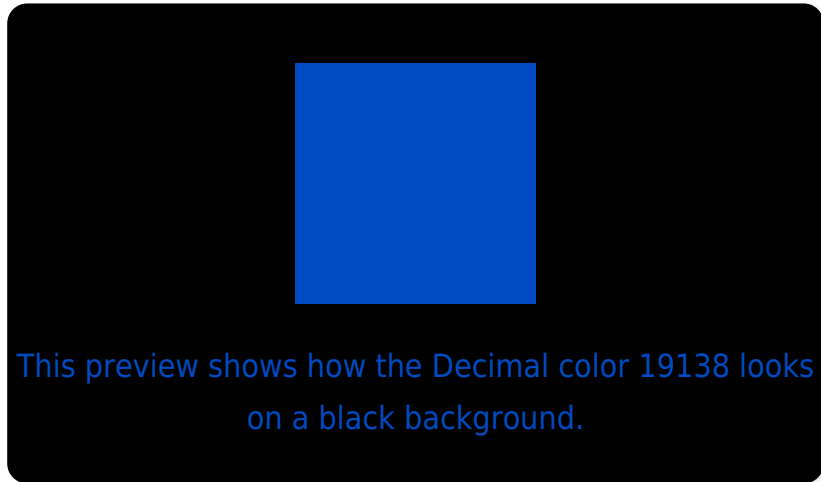
Large Text (above 18pt) WCAG AA ✓ Pass

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

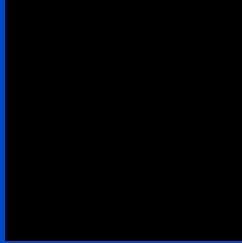
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 19138 Background



This preview shows how black text looks on a background with the Decimal color 19138.

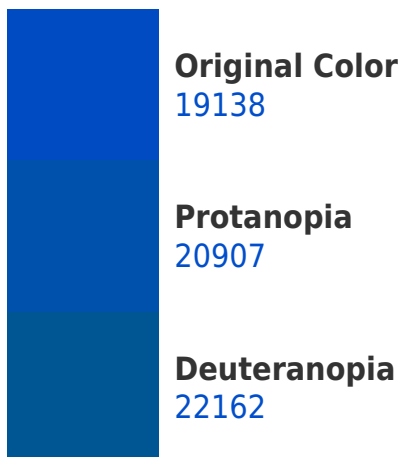


This preview shows how white text looks on a background with the Decimal color 19138.

# Color Blindness Simulation

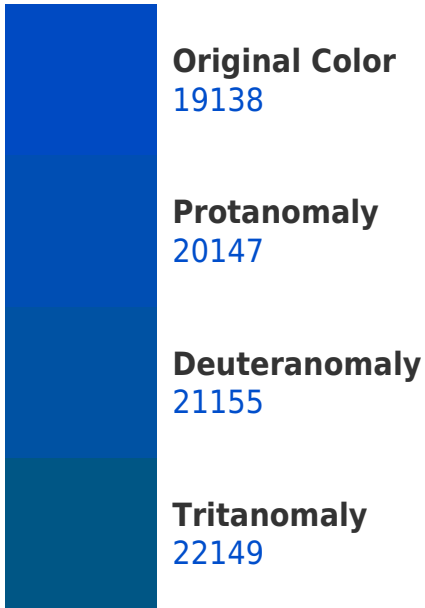
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 19138 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 #004AC2 looks like.

```
.text, #text, p{  
  color:#004AC2  
}
```

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 #004AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004AC2
}
```

## Border

The CSS property to change the border of an element to Decimal 19138 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
#004AC2 }
```

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

```
.border{ border-color:#004AC2 }
```

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

Here you see how a box with a 4 pixel #004AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004AC2; -webkit-box-shadow:4px 4px  
4px 4px #004AC2; box-shadow:4px 4px 4px  
4px #004AC2 }
```

# Background

The CSS property to change the background color of an element to Decimal 19138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004AC2 }
```

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

```
.background{ background-color:#004AC2 }
```

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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