

Converting Colors

Decimal(19642)

Have a look what the booklet for
Decimal(19642) contains.

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Color

Decimal(19642)

Conversions

Conversions Part 1

Format	Color
Hex	004CBA
RGB	0, 76, 186
RGB Percent	0%, 30%, 73%
CMY	1.0000, 0.7020, 0.2706
CMYK	1.00, 0.59, 0.00, 0.27
HSL	215°, 100%, 36%
HSV	215°, 100%, 73%
XYZ	11.4474, 8.7141, 47.5330
YIQ	65.8160, -80.6060, 18.0980

Conversions

Conversions Part 2

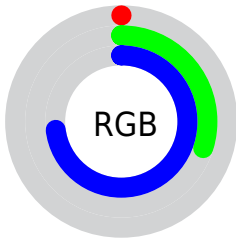
Format	Color
R _{YB}	0, 54, 186
Decimal	19642
CIE Lab	35.43, 25.25, -63.05
CIE LCh	35, 67.919, 291.825
Yxy	8.7141, 0.1691, 0.1287
Android (android.graphics.Color)	4278209722 (0xFF004CBA)
YUV	65.8160, 59.2507, -57.7206
Hunter-Lab	29.5196, 17.5611, -74.8062

Details

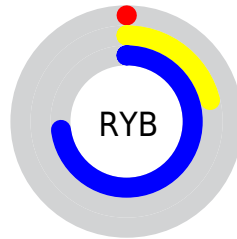
The Decimal color **19642** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **12217856**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **6257907**, and **8836** is the 20% darker color. If you saturate the color by 10%, you get **19642**, and if you desaturate by 10%, it is **1267642**.

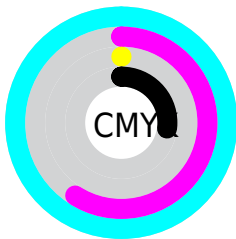
Distribution



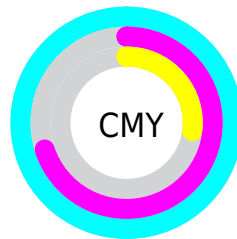
- Red (0%)
- Green (30%)
- Blue (73%)



- Red (0%)
- Yellow (21%)
- Blue (73%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)




















- Cyan (100%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 19642 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 19642 by changing the saturation by 10% instead.

 19642	 19642
 16777215	 13982
 6257907	 8836
 8296191	 3946
 10334463	 1617
 12307711	 1337
 14280959	 546
 16252927	 8
	 0

 19642

■ 1267642

■ 2450106

■ 3698106

■ 4880570

■ 6128570

■ 7376570

■ 8559034

■ 9807034

■ 10989498

Harmonies

Analogous

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



24513



19642



8596120

Triad

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



19642



9973504



26690

Complementary

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



19642



12217856

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.



25856



19642



7556096

Square

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



19642



11337775



4283392



27003

Rectangle

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



19642



10485879



4283392



26415

Sweetspot

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



19642



11192306



47725



5136506



16448250



8026746

Same Dimension

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



19642



25586



1048762



5461596



16540



2844

Inverse Universe

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



12189772



15859811



11254272



6050646



10223680



1835019

Previews

White Background



This preview shows how the Decimal color 19642 looks on a white background.

Color Contrast Check

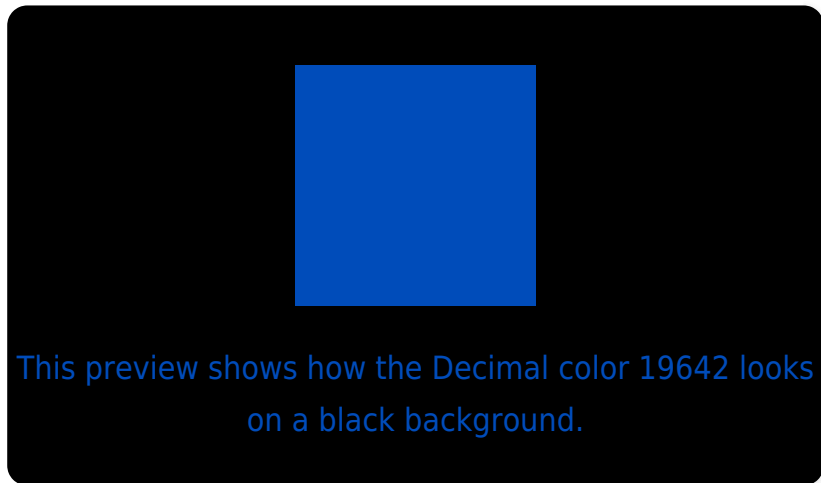
Large Text (above 18pt) WCAG AA ✓ Pass

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

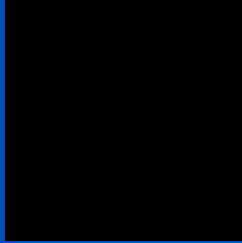
Any Text WCAG AA × Fail

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 19642 Background



This preview shows how black text looks on a background with the Decimal color 19642.

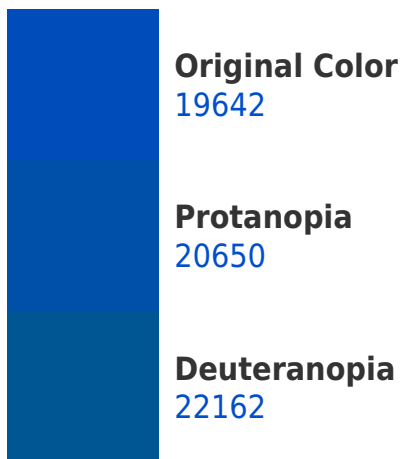


This preview shows how white text looks on a background with the Decimal color 19642.

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](#).

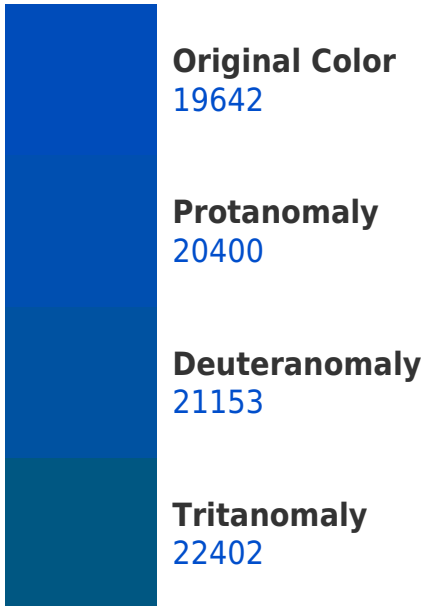
Dichromacy





Tritanopia
23906

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 19642 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 #004CBA looks like.

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

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 #004CBA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 19642 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
#004CBA }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 19642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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