

# Converting Colors

Decimal(20405)

Have a look what the booklet for  
Decimal(20405) contains.

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# Color

**Decimal(20405)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004FB5
RGB	0, 79, 181
RGB Percent	0%, 31%, 71%
CMY	1.0000, 0.6902, 0.2902
CMYK	1.00, 0.56, 0.00, 0.29
HSL	214°, 100%, 35%
HSV	214°, 100%, 71%
XYZ	11.1365, 8.9282, 44.8524
YIQ	67.0070, -79.8260, 14.9740

# Conversions

## Conversions Part 2

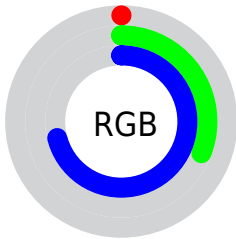
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 55, 181
Decimal	20405
CIE <sub>Lab</sub>	35.85, 21.19, -59.42
CIE <sub>LCh</sub>	36, 63.089, 289.629
Yxy	8.9282, 0.1715, 0.1375
Android (android.graphics.Color)	4278210485 (0xFF004FB5)
YUV	67.0070, 56.1985, -58.7651
Hunter-Lab	29.8800, 14.2380, -68.0832

# Details

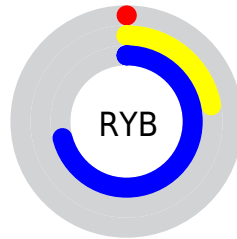
The Decimal color **20405** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11888128**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **6127598**, and **9343** is the 20% darker color. If you saturate the color by 10%, you get **20405**, and if you desaturate by 10%, it is **1202613**.

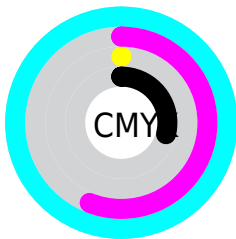
# Distribution



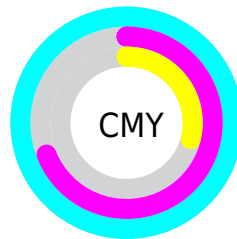
- Red (0%)
- Green (31%)
- Blue (71%)



- Red (0%)
- Yellow (22%)
- Blue (71%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)




















- Cyan (100%)
- Magenta (69%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 20405 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 20405 by changing the saturation by 10% instead.



 20405	 20405
 16777215	 14746
 6127598	 9343
 8165887	 4709
 10138879	 1869
 12111871	 1333
 14085119	 543
 16121855	 1
	 0

 20405

■ 1202613

■ 2384821

■ 3567285

■ 4749493

■ 5997237

■ 7179445

■ 8361653

■ 9544117

■ 10726325

# Harmonies

## Analogous

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



24761



20405



8204951

# Triad

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



20405



9974272



26688

# Complementary

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



20405



11888128

# 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.



25602



20405



7752704

# Square

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



20405



11077686



4807680



26997

# Rectangle

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



20405



10098809



4807680



26414



# Sweetspot

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



20405



10798059



46436



4939381



16119285



7697781



# Same Dimension

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



20405



26347



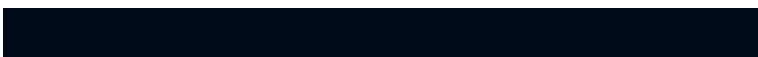
590005



5264473



17305



2842



# Inverse Universe

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



11862095



15401062



11318528



5853268



10027075



1703947



# Previews

## White Background



This preview shows how the Decimal color 20405 looks on a white background.

## Color Contrast Check

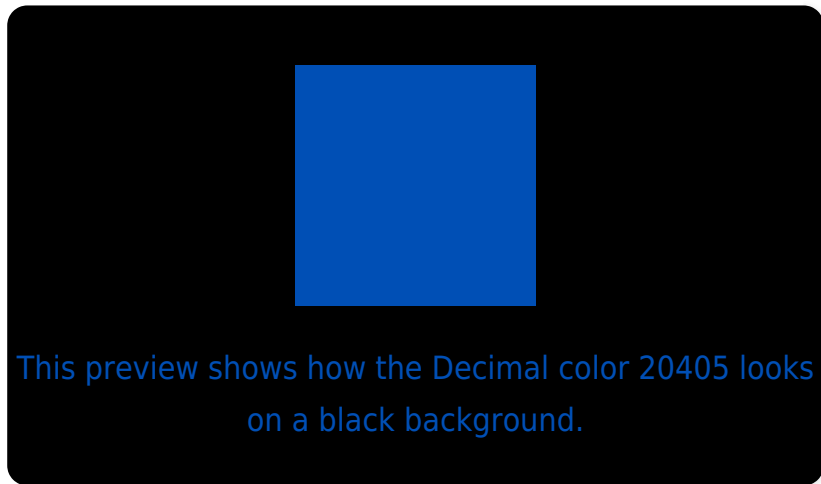
Large Text (above 18pt) WCAG AA ✓ Pass

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

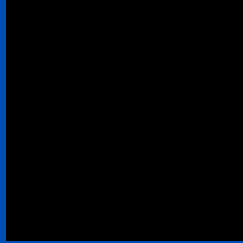
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 20405 Background



This preview shows how black text looks on a background with the Decimal color 20405.



This preview shows how white text looks on a background with the Decimal color 20405.

# 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



**Original Color**

20405

**Protanopia**

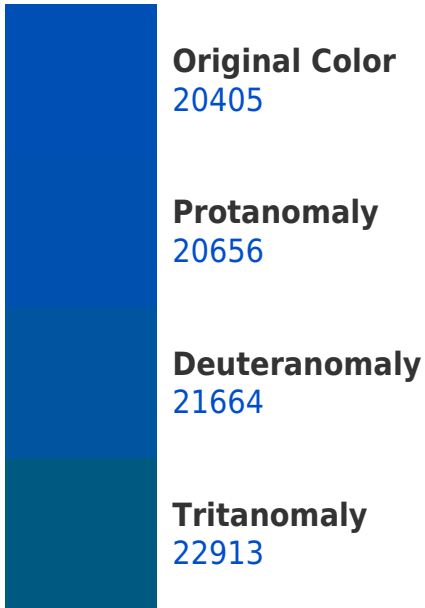
20909

**Deuteranopia**

22420



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 20405 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 #004FB5 looks like.

```
.text, #text, p{  
    color:#004FB5  
}
```

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 #004FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004FB5
}
```

## Border

The CSS property to change the border of an element to Decimal 20405 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
#004FB5 }
```

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

```
.border{ border-color:#004FB5 }
```

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

Here you see how a box with a 4 pixel #004FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004FB5; -webkit-box-shadow:4px 4px  
4px 4px #004FB5; box-shadow:4px 4px 4px  
4px #004FB5 }
```

# Background

The CSS property to change the background color of an element to Decimal 20405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004FB5 }
```

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

```
.background{ background-color:#004FB5 }
```

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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