

# Converting Colors

Decimal(24531)

Have a look what the booklet for  
Decimal(24531) contains.

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# Color

**Decimal(24531)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FD3
RGB	0, 95, 211
RGB Percent	0%, 37%, 83%
CMY	1.0000, 0.6275, 0.1725
CMYK	1.00, 0.55, 0.00, 0.17
HSL	213°, 100%, 41%
HSV	213°, 100%, 83%
XYZ	15.8501, 12.8876, 63.2802
YIQ	79.8190, -93.8560, 15.9360

# Conversions

## Conversions Part 2

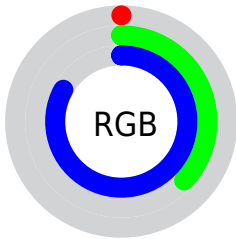
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 211
Decimal	24531
CIELab	42.59, 22.65, -65.88
CIELCh	43, 69.667, 288.977
Yxy	12.8876, 0.1723, 0.1401
Android (android.graphics.Color)	4278214611 (0xFF005FD3)
YUV	79.8190, 64.6722, -70.0013
Hunter-Lab	35.8993, 15.9868, -79.3819

# Details

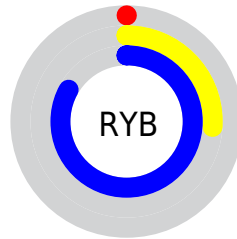
The Decimal color **24531** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **13857792**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **6656511**, and **12955** is the 20% darker color. If you saturate the color by 10%, you get **24531**, and if you desaturate by 10%, it is **1403859**.

# Distribution



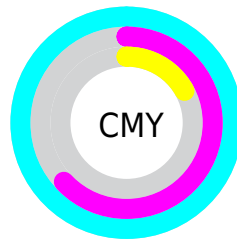
- Red (0%)
- Green (37%)
- Blue (83%)



- Red (0%)
- Yellow (26%)
- Blue (83%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)




















- Cyan (100%)
- Magenta (63%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 24531 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 24531 by changing the saturation by 10% instead.



 24531	 24531
 16777215	 18615
 6656511	 12955
 8825855	 8065
 10864383	 2407
 12903167	 2638
 14941951	 1334
	 544
	 3
	 0

■ 24531

■ 1403859

■ 2782931

■ 4162259

■ 5541331

■ 6986195

■ 8365523

■ 9744595

■ 11123923

■ 12502995

# Harmonies

## Analogous

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



29399



24531



9584561

# Triad

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



24531



11746564



31565

# Complementary

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



24531



13857792

# 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.



30469



24531



9198080

# Square

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



24531



12981059



5795072



32137

# Rectangle

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



24531



11805583



5795072



31288



# Sweetspot

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



24531



11785727



54129



5400192



0



8421504



# Same Dimension

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



24531



29695



458963



6185833



19624



4649



# Inverse Universe

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



13828191



16711795



13423360



6905443



11010124



2686994



# Previews

## White Background



This preview shows how the Decimal color 24531 looks on a white background.

## Color Contrast Check

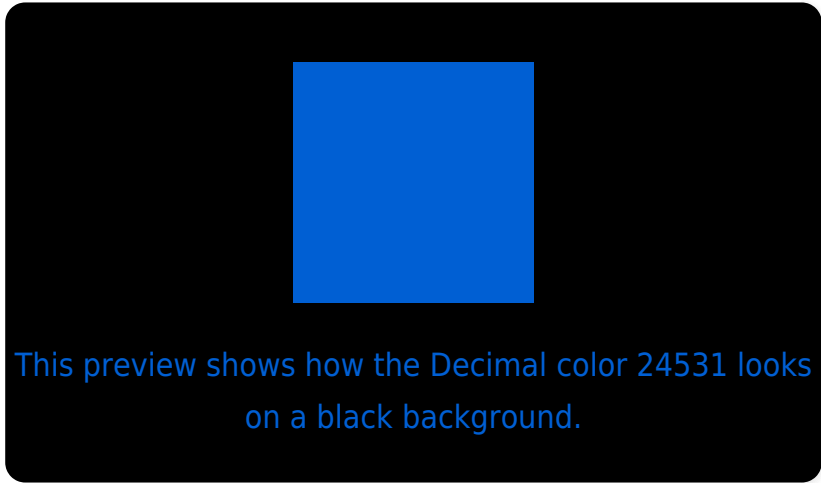
Large Text (above 18pt) WCAG AA ✓ Pass

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

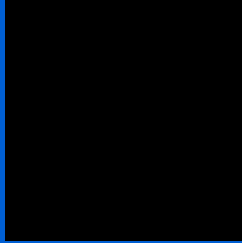
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 24531 Background



This preview shows how black text looks on a background with the Decimal color 24531.



This preview shows how white text looks on a background with the Decimal color 24531.

# 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**  
24531

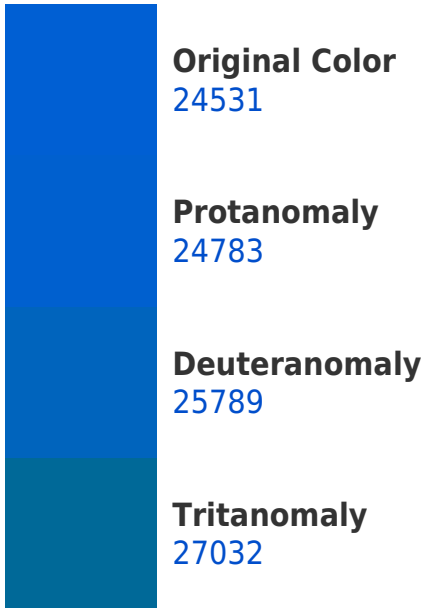
**Protanopia**  
24781

**Deuteranopia**  
26545

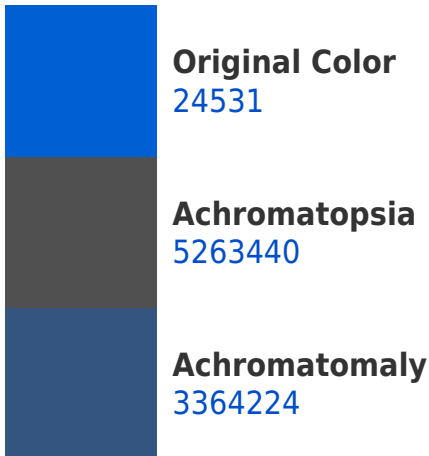


**Tritanopia**  
28534

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 24531 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 #005FD3 looks like.

```
.text, #text, p{  
    color:#005FD3  
}
```

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 #005FD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FD3
}
```

## Border

The CSS property to change the border of an element to Decimal 24531 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
#005FD3 }
```

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

```
.border{ border-color:#005FD3 }
```

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

Here you see how a box with a 4 pixel #005FD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FD3; -webkit-box-shadow:4px 4px  
4px 4px #005FD3; box-shadow:4px 4px 4px  
4px #005FD3 }
```

# Background

The CSS property to change the background color of an element to Decimal 24531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FD3 }
```

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

```
.background{ background-color:#005FD3 }
```

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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