

# Converting Colors

Decimal(4473330)

Have a look what the booklet for  
Decimal(4473330) contains.

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# Color

**Decimal(4473330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4441F2
RGB	68, 65, 242
RGB Percent	27%, 25%, 95%
CMY	0.7333, 0.7451, 0.0510
CMYK	0.72, 0.73, 0.00, 0.05
HSL	241°, 87%, 60%
HSV	241°, 73%, 95%
XYZ	20.3012, 11.4203, 85.1388
YIQ	86.0750, -55.0290, 55.6830

# Conversions

## Conversions Part 2

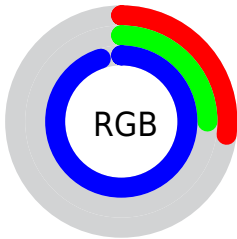
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 65, 242
Decimal	4473330
CIE Lab	40.28, 56.30, -87.22
CIE LCh	40, 103.811, 302.840
Yxy	11.4203, 0.1737, 0.0977
Android (android.graphics.Color)	4282663410 (0xFF4441F2)
YUV	86.0750, 76.8710, -15.8518
Hunter-Lab	33.7940, 48.0915, -125.7162

# Details

The Decimal color **4473330** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **15725121**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9139199**, and **4536** is the 20% darker color. If you saturate the color by 10%, you get **2894322**, and if you desaturate by 10%, it is **6052338**.

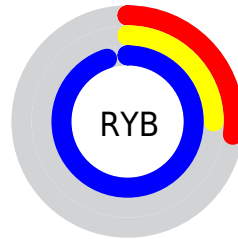
# Distribution



Red (27%)

Green (25%)

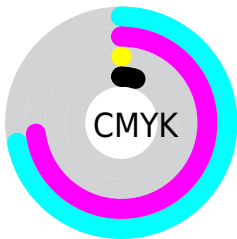
Blue (95%)



Red (27%)

Yellow (25%)

Blue (95%)

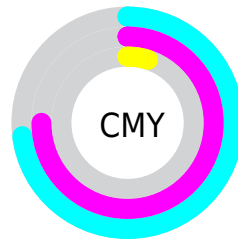


Cyan (72%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (75%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4473330 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 4473330 by changing the saturation by 10% instead.



 4473330

 4473330

16777215

 10709

 9139199

 4536

 11308543

 156

 13347071

 129

 15451391

 1639

 16769279

 2638

 16776703

 1334

 544

 4

■ 4473330

■ 4473330

■ 2894322

■ 6052338

■ 1315314

■ 7631346

■ 262386

■ 9145074

■ 10724082

■ 12303090

■ 13882098

■ 15461106

■ 16777202

# Harmonies

## Analogous

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



27647



4473330



12779694

# Triad

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



4473330



11416576



31845

# Complementary

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



4473330



15725121

# 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.



30976



4473330



7167744

# Square

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



4473330



14286853



28928



32443

# Rectangle

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



4473330



14745719



28928



31559



# Sweetspot

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



4473330



13158399



4321266



6250112



0



8421504



# Same Dimension

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



4473330



2236415



10240498



7105656



196792



65592



# Inverse Universe

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



15876591



16719867



9957953



7892088



12058804

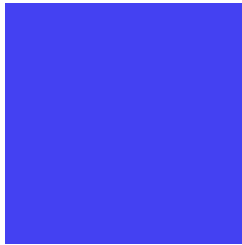


3670071



# Previews

## White Background



This preview shows how the Decimal color 4473330 looks on a white background.

## Color Contrast Check

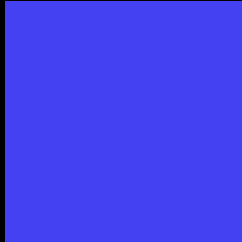
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 4473330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

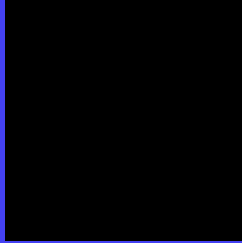
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4473330 Background



This preview shows how black text looks on a background with the Decimal color 4473330.



This preview shows how white text looks on a background with the Decimal color 4473330.

# 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



**Original Color**  
4473330

**Protanomaly**  
1659602

**Deuteranomaly**  
1660352

**Tritanomaly**  
1661599

# Monochromacy



**Original Color**  
4473330

**Achromatopsia**  
5658198

**Achromatomaly**  
5197455

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4473330 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 #4441F2 looks like.

```
.text, #text, p{  
    color:#4441F2  
}
```

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 #4441F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4441F2
}
```

## Border

The CSS property to change the border of an element to Decimal 4473330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

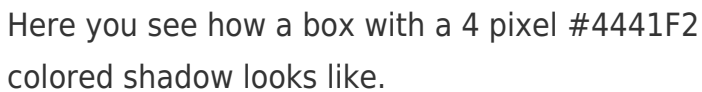
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4441F2 }
```

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

```
.border{ border-color:#4441F2 }
```

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



Here you see how a box with a 4 pixel #4441F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4441F2; -webkit-box-shadow:4px 4px  
4px 4px #4441F2; box-shadow:4px 4px 4px  
4px #4441F2 }
```

# Background

The CSS property to change the background color of an element to Decimal 4473330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4441F2 }
```

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

```
.background{ background-color:#4441F2 }
```

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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