

# Converting Colors

Decimal(4474074)

Have a look what the booklet for  
Decimal(4474074) contains.

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# Color

**Decimal(4474074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4444DA
RGB	68, 68, 218
RGB Percent	27%, 27%, 85%
CMY	0.7333, 0.7333, 0.1451
CMYK	0.69, 0.69, 0.00, 0.15
HSL	240°, 67%, 56%
HSV	240°, 69%, 85%
XYZ	17.1059, 10.4251, 67.4403
YIQ	85.1000, -48.1500, 46.6500

# Conversions

## Conversions Part 2

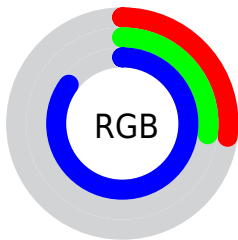
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 68, 218
Decimal	4474074
CIE Lab	38.59, 46.97, -76.35
CIE LCh	39, 89.647, 301.600
Yxy	10.4251, 0.1801, 0.1098
Android (android.graphics.Color)	4282664154 (0xFF4444DA)
YUV	85.1000, 65.5197, -14.9967
Hunter-Lab	32.2880, 38.0638, -101.2382

# Details

The Decimal color **4474074** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **14342724**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8812031**, and **6050** is the 20% darker color. If you saturate the color by 10%, you get **3026650**, and if you desaturate by 10%, it is **5921498**.

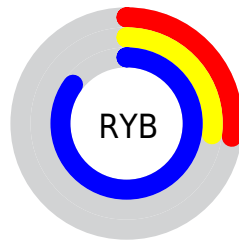
# Distribution



Red (27%)

Green (27%)

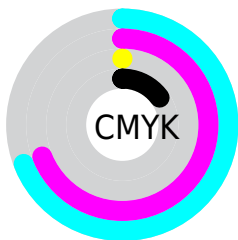
Blue (85%)



Red (27%)

Yellow (27%)

Blue (85%)

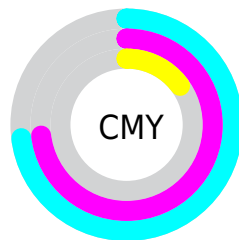


Cyan (69%)

Magenta (69%)

Yellow (0%)

Black (15%)



Cyan (73%)

Magenta (73%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4474074 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 4474074 by changing the saturation by 10% instead.



■ 4474074

■ 4474074

16777215

■ 1125822

■ 8812031

■ 6050

■ 10850303

■ 903

■ 12888831

■ 108

■ 14927615

■ 2899

■ 16769791

■ 1595

■ 548

■ 12

■ 0

■ 4474074

■ 4474074

■ 3026650

■ 5921498

■ 1579226

■ 7368922

■ 197594

■ 8750554

■ 218

■ 10197978

■ 11645402

■ 13092826

■ 14540250

■ 15921882

■ 16777178

# Harmonies

## Analogous

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



26097



4474074



11468962

# Triad

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



4474074



10761728



30045

# Complementary

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



4474074



14342724

# 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.



29184



4474074



7100928

# Square

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



4474074



13107219



944896



30375

# Rectangle

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



4474074



13303923



944896



29763



# Sweetspot

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



4474074



13224447



4512474



6316160



0



8421504



# Same Dimension

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



4474074



2829311



9389274



6513518



173



46



# Inverse Universe

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



14304474



16722943



9427524



7234414



11337901

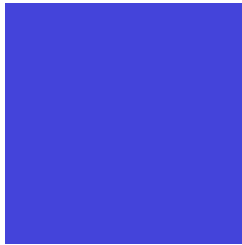


3014702



# Previews

## White Background



This preview shows how the Decimal color 4474074 looks on a white background.

## Color Contrast Check

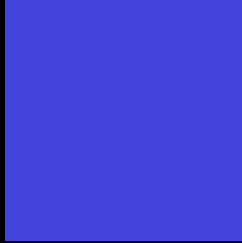
Large Text (above 18pt) WCAG AA ✓ Pass

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 4474074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

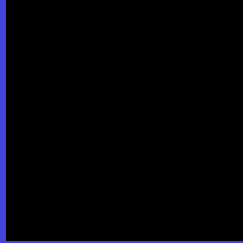
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4474074 Background



This preview shows how black text looks on a background with the Decimal color 4474074.



This preview shows how white text looks on a background with the Decimal color 4474074.

# 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**  
4474074

**Deuteranomaly**  
1660083

**Tritanomaly**  
1661075

# Monochromacy



**Original Color**  
4474074

**Achromatopsia**  
5592405

**Achromatomaly**  
5197701

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4474074 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 #4444DA looks like.

```
.text, #text, p{  
    color:#4444DA  
}
```

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 #4444DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4444DA
}
```

## Border

The CSS property to change the border of an element to Decimal 4474074 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
#4444DA }
```

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

```
.border{ border-color:#4444DA }
```

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

Here you see how a box with a 4 pixel #4444DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4444DA; -webkit-box-shadow:4px 4px  
4px 4px #4444DA; box-shadow:4px 4px 4px  
4px #4444DA }
```

# Background

The CSS property to change the background color of an element to Decimal 4474074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4444DA }
```

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

```
.background{ background-color:#4444DA }
```

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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