

# Converting Colors

Decimal(4677314)

Have a look what the booklet for  
Decimal(4677314) contains.

<b>Decimal(4677314)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Decimal(4677314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	475EC2
RGB	71, 94, 194
RGB Percent	28%, 37%, 76%
CMY	0.7216, 0.6314, 0.2392
CMYK	0.63, 0.52, 0.00, 0.24
HSL	229°, 50%, 52%
HSV	229°, 63%, 76%
XYZ	16.3388, 13.2400, 52.7334
YIQ	98.5230, -45.8080, 26.2240

# Conversions

## Conversions Part 2

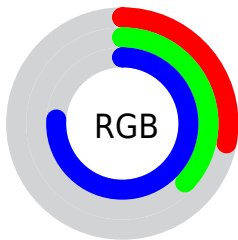
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 90, 194
Decimal	4677314
CIELab	43.12, 23.17, -55.13
CIElCh	43, 59.799, 292.800
Yxy	13.2400, 0.1985, 0.1609
Android (android.graphics.Color)	4282867394 (0xFF475EC2)
YUV	98.5230, 47.0702, -24.1377
Hunter-Lab	36.3869, 16.4751, -60.4547

# Details

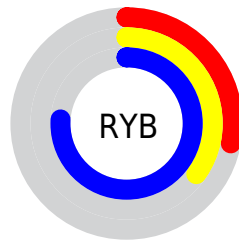
The Decimal color **4677314** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **12757831**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8622331**, and **12683** is the 20% darker color. If you saturate the color by 10%, you get **3428034**, and if you desaturate by 10%, it is **5926594**.

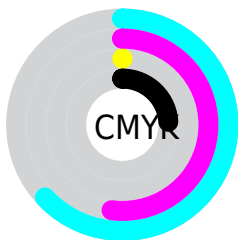
# Distribution



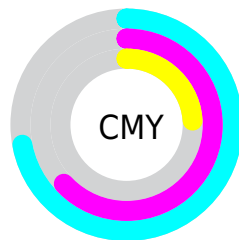
- Red (28%)
- Green (37%)
- Blue (76%)



- Red (28%)
- Yellow (35%)
- Blue (76%)



- Cyan (63%)
- Magenta (52%)
- Yellow (0%)
- Black (24%)



- Cyan (72%)
- Magenta (63%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4677314 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 4677314 by changing the saturation by 10% instead.



■ 4677314

■ 4677314

16777215

■ 2312102

■ 8622331

■ 12683

■ 10529535

■ 7537

■ 12437247

■ 1624

■ 14410495

■ 1856

■ 16383743

■ 809

■ 275

■ 0

■ 4677314

■ 4677314

■ 3428034

■ 5926594

■ 2113218

■ 7241410

■ 864194

■ 8490434

■ 9410

■ 9805250

■ 11054530

■ 12303810

■ 13618370

■ 14867650

■ 16182466

# Harmonies

## Analogous

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



28873



4677314



9782690

# Triad

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



4677314



11029011



31576

# Complementary

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



4677314



12757831

# 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.



30500



4677314



8740864

# Square

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



4677314



12268099



5729792



31883

# Rectangle

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



4677314



11482244



5729792



31303



# Sweetspot

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



4677314



13424124



4702889



6449280



0



8421504



# Same Dimension

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



4677314



4022524



7096258



5724513



7841



1569



# Inverse Universe

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



12732254



16530784



10338887



6379353



10551326



2162694



# Previews

## White Background



This preview shows how the Decimal color 4677314 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 4677314 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 4677314 Background



This preview shows how black text looks on a background with the Decimal color 4677314.



This preview shows how white text looks on a background with the Decimal color 4677314.

# 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**  
4677314

**Protanomaly**  
3367365

**Tritanomaly**  
2910612

# Monochromacy



**Original Color**  
4677314

**Achromatopsia**  
6513507

**Achromatomaly**  
5857670

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4677314 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 #475EC2 looks like.

```
.text, #text, p{  
    color:#475EC2  
}
```

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 #475EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475EC2
}
```

## Border

The CSS property to change the border of an element to Decimal 4677314 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".

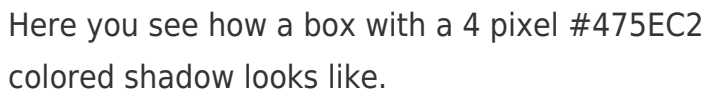
```
.border, #border, table{ border:4px solid
#475EC2 }
```

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

```
.border{ border-color:#475EC2 }
```

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

Here you see how a box with a 4 pixel #475EC2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475EC2; -webkit-box-shadow:4px 4px  
4px 4px #475EC2; box-shadow:4px 4px 4px  
4px #475EC2 }
```

# Background

The CSS property to change the background color of an element to Decimal 4677314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475EC2 }
```

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

```
.background{ background-color:#475EC2 }
```

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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