

# Converting Colors

Decimal(4678537)

Have a look what the booklet for  
Decimal(4678537) contains.

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# Color

**Decimal(4678537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	476389
RGB	71, 99, 137
RGB Percent	28%, 39%, 54%
CMY	0.7216, 0.6118, 0.4627
CMYK	0.48, 0.28, 0.00, 0.46
HSL	215°, 32%, 41%
HSV	215°, 48%, 54%
XYZ	11.5757, 12.0694, 25.3864
YIQ	94.9600, -28.8860, 5.8820

# Conversions

## Conversions Part 2

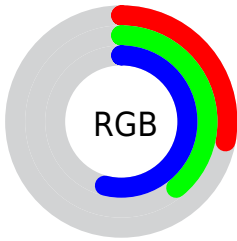
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 91, 137
Decimal	4678537
CIE <sub>Lab</sub>	41.33, 0.75, -24.26
CIE <sub>LCh</sub>	41, 24.269, 271.760
Yxy	12.0694, 0.2361, 0.2462
Android (android.graphics.Color)	4282868617 (0xFF476389)
<b>YUV</b>	94.9600, 20.7257, -21.0129
Hunter-Lab	34.7411, -1.3206, -19.0064

# Details

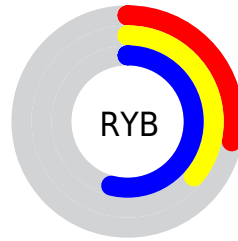
The Decimal color **4678537** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9006407**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **8099519**, and **1127767** is the 20% darker color. If you saturate the color by 10%, you get **3758985**, and if you desaturate by 10%, it is **5598089**.

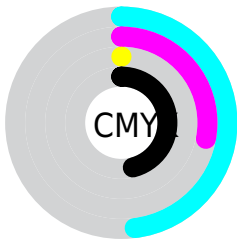
# Distribution



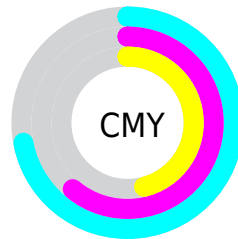
- Red (28%)
- Green (39%)
- Blue (54%)



- Red (28%)
- Yellow (36%)
- Blue (54%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (72%)
- Magenta (61%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4678537 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 4678537 by changing the saturation by 10% instead.



■ 4678537

■ 4678537

16777215

■ 2968431

■ 8099519

■ 1127767

■ 9875674

■ 8255

■ 11652343

■ 1833

■ 13494527

■ 276

■ 15400959

■ 0

■ 4678537

■ 4678537

■ 3758985

■ 5598089

■ 2904969

■ 6452105

■ 1985417

■ 7371657

■ 1065865

■ 8291209

■ 212105

■ 9210505

■ 14985

■ 10064521

■ 10984073

■ 11903625

■ 12757641

# Harmonies

## Analogous

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



2451844



4678537



6642819

# Triad

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



4678537



8868942



4287054

# Complementary

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



4678537



9006407

# 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.



5859135



4678537



8280639

# Square

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



4678537



8868449



7233849



2583650

# Rectangle

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



4678537



7690106



7233849



4811080



# Sweetspot

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



4678537



10134707



4688236



4870489



14277081



5855577



# Same Dimension

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



4678537



4945843



4933513



4079941



14469



517



# Inverse Universe

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



8996707



11750263



8751431



4537921



8716344



327682



# Previews

## White Background



This preview shows how the Decimal color 4678537 looks on a white background.

## Color Contrast Check

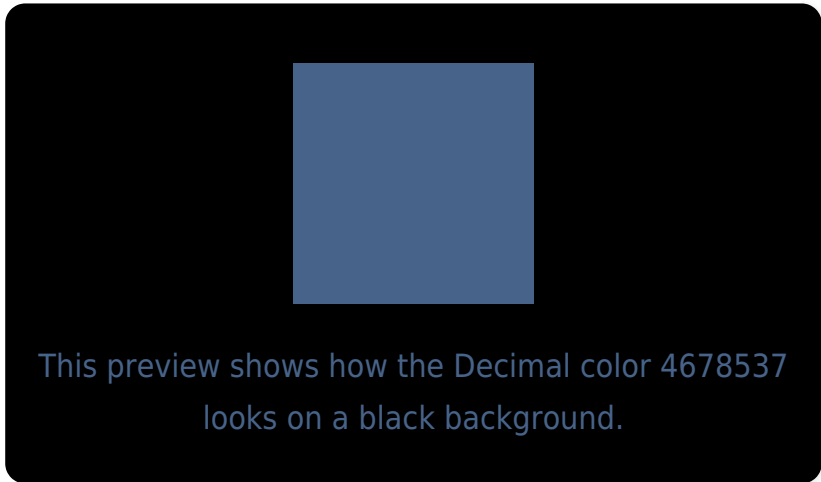
Large Text (above 18pt) WCAG AA ✓ Pass

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 4678537 Background



This preview shows how black text looks on a background with the Decimal color 4678537.

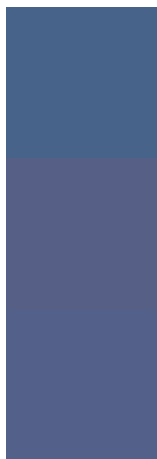


This preview shows how white text looks on a background with the Decimal color 4678537.

# 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**


4678537

**Protanopia**

5660807

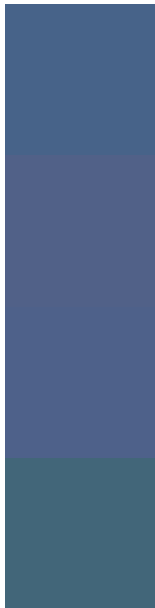
**Deuteranopia**

5398666



**Tritanopia**  
4155504

# Trichromacy



**Original Color**  
4678537

**Protanomaly**  
5333384

**Deuteranomaly**  
5136778

**Tritanomaly**  
4351609

# Monochromacy



**Original Color**  
4678537

**Achromatopsia**  
6250335

**Achromatomaly**  
5660782

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4678537 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 #476389 looks like.

```
.text, #text, p{  
  color:#476389  
}
```

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 #476389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476389
}
```

## Border

The CSS property to change the border of an element to Decimal 4678537 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".

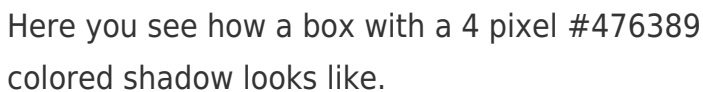
```
.border, #border, table{ border:4px solid
#476389 }
```

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

```
.border{ border-color:#476389 }
```

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

Here you see how a box with a 4 pixel #476389 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 #476389; -webkit-box-shadow:4px 4px  
4px 4px #476389; box-shadow:4px 4px 4px  
4px #476389 }
```

# Background

The CSS property to change the background color of an element to Decimal 4678537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476389 }
```

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

```
.background{ background-color:#476389 }
```

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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