

# Converting Colors

Decimal(4280181)

Have a look what the booklet for  
Decimal(4280181) contains.

<b>Decimal(4280181)</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> .....	29

# Color

**Decimal(4280181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414F75
RGB	65, 79, 117
RGB Percent	25%, 31%, 46%
CMY	0.7451, 0.6902, 0.5412
CMYK	0.44, 0.32, 0.00, 0.54
HSL	224°, 29%, 36%
HSV	224°, 44%, 46%
XYZ	8.1868, 8.0001, 17.9423
YIQ	79.1460, -20.5420, 8.8500

# Conversions

## Conversions Part 2

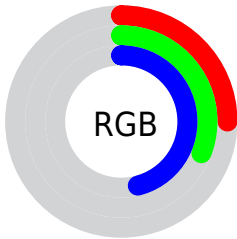
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 76, 117
Decimal	4280181
CIELab	33.98, 5.37, -23.47
CIElCh	34, 24.077, 282.889
Yxy	8.0001, 0.2399, 0.2344
Android (android.graphics.Color)	4282470261 (0xFF414F75)
YUV	79.1460, 18.6620, -12.4060
Hunter-Lab	28.2845, 2.1682, -17.8115

# Details

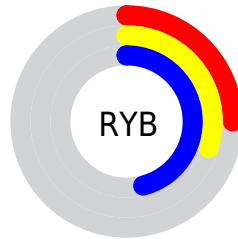
The Decimal color **4280181** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7694145**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **7569577**, and **992068** is the 20% darker color. If you saturate the color by 10%, you get **3491445**, and if you desaturate by 10%, it is **5068917**.

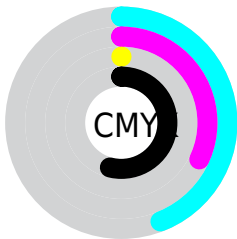
# Distribution



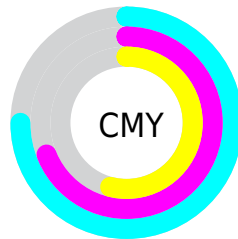
- Red (25%)
- Green (31%)
- Blue (46%)



- Red (25%)
- Yellow (30%)
- Blue (46%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (54%)



- Cyan (75%)
- Magenta (69%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4280181 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 4280181 by changing the saturation by 10% instead.





4280181



4280181

16777215



2701404



7569577



992068



9345733



3374



11056609



281



12898557



0



14740735

16646143



4280181



4280181



3491445



5068917

■ 2768501

■ 5791861

■ 1979765

■ 6580597

■ 1191285

■ 7369077

■ 402549

■ 8157813

■ 8053

■ 8880757

■ 9669493

■ 10457973

■ 11181173

# Harmonies

## Analogous

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



1856884



4280181



6047852

# Triad

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



4280181



7423287



2513220

# Complementary

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



4280181



7694145

# 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.



4150835



4280181



6638379

# Square

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



4280181



7684424



5525802



23128

# Rectangle

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



4280181



6898786



5525802



3102782



# Sweetspot

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



4280181



8751769



4289894



4211789



13421772



5066061



# Same Dimension

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



4280181



4742809



4997493



3487291



8570



17402



# Inverse Universe

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



7684431



10045534



6976833



3880246



7995425



16384067



# Previews

## White Background



This preview shows how the Decimal color 4280181 looks on a white background.

## Color Contrast Check

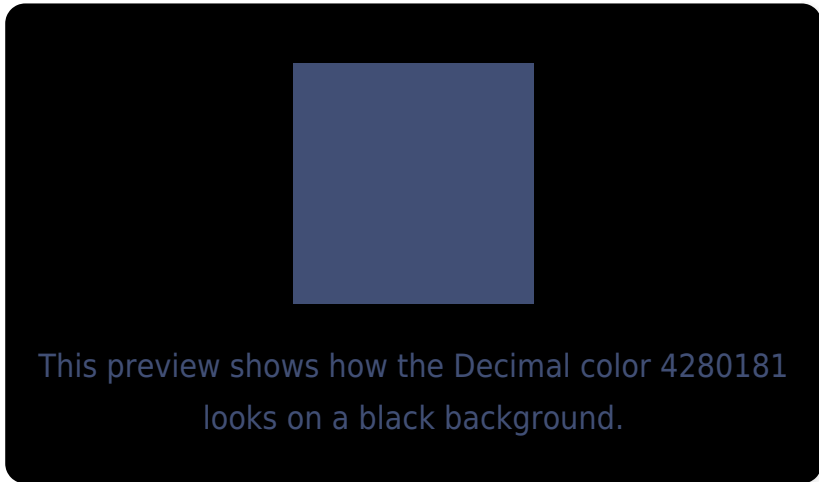
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

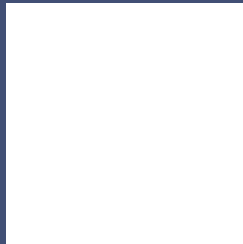
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4280181 Background



This preview shows how black text looks on a background with the Decimal color 4280181.

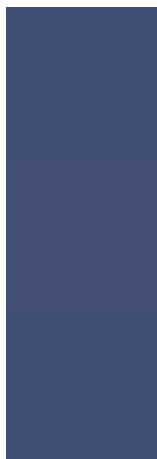


This preview shows how white text looks on a background with the Decimal color 4280181.

# 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**

4280181

**Protanopia**

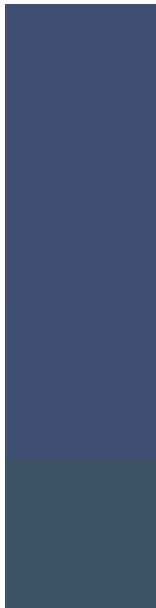
4411253

**Deuteranopia**

4214645



# Trichromacy



**Original Color**

4280181

**Protanomaly**

4345717

**Deuteranomaly**

4214645

**Tritanomaly**

4018788

# Monochromacy



**Original Color**

4280181

**Achromatopsia**

5197647

**Achromatomaly**

4869981

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4280181 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 #414F75 looks like.

```
.text, #text, p{  
  color:#414F75  
}
```

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 #414F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414F75
}
```

## Border

The CSS property to change the border of an element to Decimal 4280181 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
#414F75 }
```

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

```
.border{ border-color:#414F75 }
```

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

Here you see how a box with a 4 pixel #414F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414F75; -webkit-box-shadow:4px 4px  
4px 4px #414F75; box-shadow:4px 4px 4px  
4px #414F75 }
```

# Background

The CSS property to change the background color of an element to Decimal 4280181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414F75 }
```

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

```
.background{ background-color:#414F75 }
```

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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