

# Converting Colors

Decimal(4280685)

Have a look what the booklet for  
Decimal(4280685) contains.

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# Color

**Decimal(4280685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41516D
RGB	65, 81, 109
RGB Percent	25%, 32%, 43%
CMY	0.7451, 0.6824, 0.5725
CMYK	0.40, 0.26, 0.00, 0.57
HSL	218°, 25%, 34%
HSV	218°, 40%, 43%
XYZ	7.8827, 8.1128, 15.6185
YIQ	79.4080, -18.5240, 5.3160

# Conversions

## Conversions Part 2

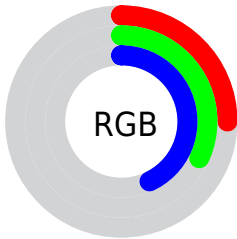
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 77, 109
Decimal	4280685
CIELab	34.22, 1.60, -18.11
CIElCh	34, 18.184, 275.033
Yxy	8.1128, 0.2493, 0.2566
Android (android.graphics.Color)	4282470765 (0xFF41516D)
YUV	79.4080, 14.5889, -12.6358
Hunter-Lab	28.4830, -0.4450, -12.5732




# Details

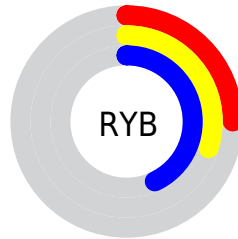
The Decimal color **4280685** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7167297**, and the grayscale version is **5197647**.




A 20% lighter version of the original color is **7570081**, and **1123645** is the 20% darker color. If you saturate the color by 10%, you get **3557997**, and if you desaturate by 10%, it is **5003373**.

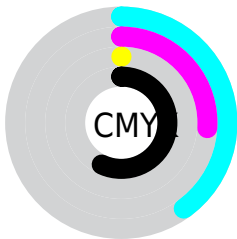
# Distribution







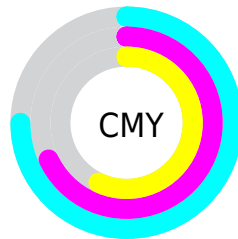
-  Red (25%)
-  Green (32%)
-  Blue (43%)






-  Red (25%)
-  Yellow (30%)
-  Blue (43%)



-  Cyan (40%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (75%)
-  Magenta (68%)
-  Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4280685 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 4280685 by changing the saturation by 10% instead.





4280685



4280685

16777215



2701909



7570081



1123645



9280700



3879



10991575



274



12833780



0



14675967



16580607



4280685



4280685



3557997



5003373

■ 2835309

■ 5726061

■ 2112621

■ 6448749

■ 1389933

■ 7171437

■ 667245

■ 7828589

■ 10349

■ 8551277

■ 9273965

■ 9996397

■ 10719085

# Harmonies

## Analogous

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



2905450



4280685



5655656

# Triad

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



4280685



7096129



3692356

# Complementary

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



4280685



7167297

# 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.



4805944



4280685



6638391

# Square

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



4280685



7161423



5787700



2644050

# Rectangle

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



4280685



6375777



5787700



4020031



# Sweetspot

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



4280685



8291471



4287837



4014407



13092807



4671303



# Same Dimension

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



4280685



4875151



4669805



3158582



11125



23029



# Inverse Universe

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



7160145



9390691



6778177



3551282



7667755

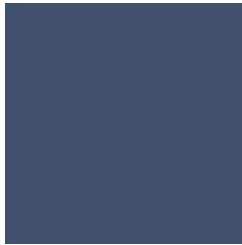


16056409



# Previews

## White Background



This preview shows how the Decimal color 4280685 looks on a white background.

## Color Contrast Check

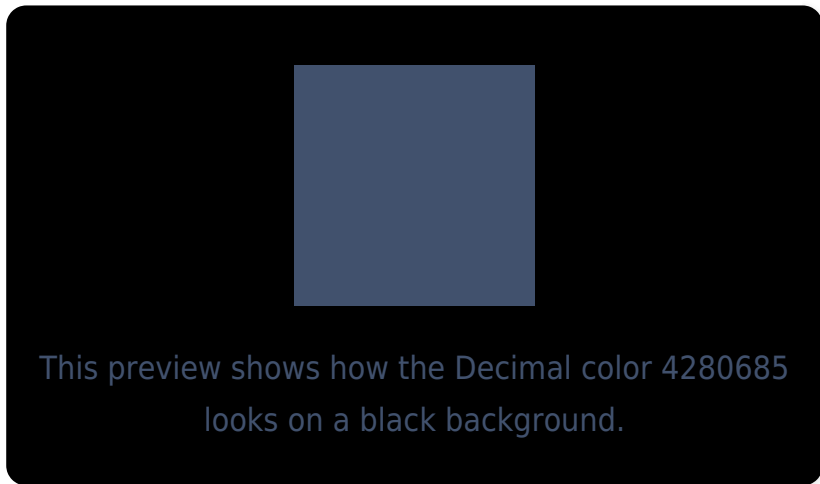
Large Text (above 18pt) WCAG AA ✓ Pass

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

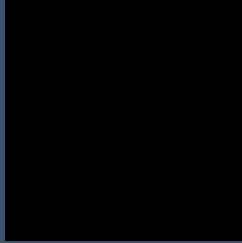
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

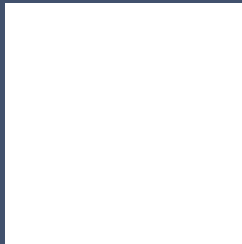
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4280685 Background



This preview shows how black text looks on a background with the Decimal color 4280685.

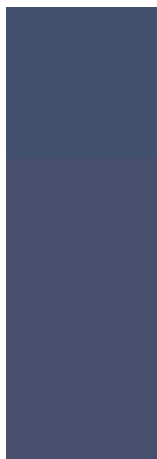


This preview shows how white text looks on a background with the Decimal color 4280685.

# 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**

4280685

**Protanopia**

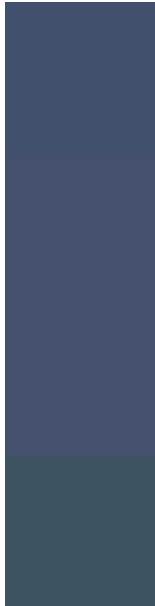
4738924

**Deuteranopia**

4738925



# Trichromacy



**Original Color**

4280685

**Protanomaly**

4542572

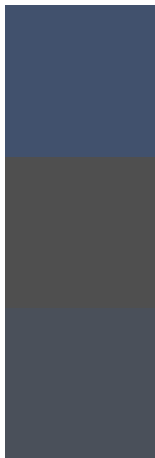
**Deuteranomaly**

4542573

**Tritanomaly**

4084578

# Monochromacy



**Original Color**

4280685

**Achromatopsia**

5197647

**Achromatomaly**

4870234

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4280685 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 #41516D looks like.

```
.text, #text, p{  
  color:#41516D  
}
```

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 #41516D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41516D
}
```

## Border

The CSS property to change the border of an element to Decimal 4280685 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
#41516D }
```

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

```
.border{ border-color:#41516D }
```

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

Here you see how a box with a 4 pixel #41516D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41516D; -webkit-box-shadow:4px 4px  
4px 4px #41516D; box-shadow:4px 4px 4px  
4px #41516D }
```

# Background

The CSS property to change the background color of an element to Decimal 4280685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41516D }
```

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

```
.background{ background-color:#41516D }
```

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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