

# Converting Colors

Decimal(4144251)

Have a look what the booklet for  
Decimal(4144251) contains.

<b>Decimal(4144251)</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(4144251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F3C7B
RGB	63, 60, 123
RGB Percent	25%, 24%, 48%
CMY	0.7529, 0.7647, 0.5176
CMYK	0.49, 0.51, 0.00, 0.52
HSL	243°, 34%, 36%
HSV	243°, 51%, 48%
XYZ	7.2409, 5.7185, 19.4610
YIQ	68.0790, -18.4350, 20.2290

# Conversions

## Conversions Part 2

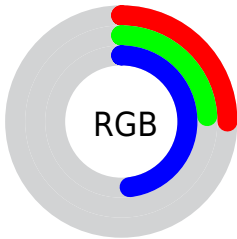
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 60, 123
Decimal	4144251
CIELab	28.69, 19.33, -35.61
CIELCh	29, 40.513, 298.494
Yxy	5.7185, 0.2233, 0.1764
Android (android.graphics.Color)	4282334331 (0xFF3F3C7B)
YUV	68.0790, 27.0761, -4.4543
Hunter-Lab	23.9135, 12.2006, -31.5114

# Details

The Decimal color **4144251** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7895868**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **7564208**, and **397898** is the 20% darker color. If you saturate the color by 10%, you get **3354747**, and if you desaturate by 10%, it is **4933755**.

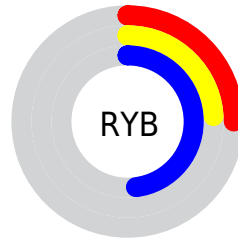
# Distribution



Red (25%)

Green (24%)

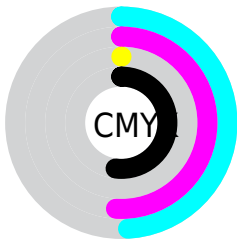
Blue (48%)



Red (25%)

Yellow (24%)

Blue (48%)

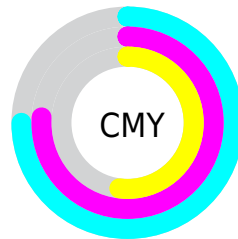


Cyan (49%)

Magenta (51%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (76%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4144251 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 4144251 by changing the saturation by 10% instead.





4144251



4144251

16777215



2434658



7564208



397898



9274828



51



11116520



541



12892927



0



14800383



16708351



4144251



4144251



3354747



4933755

■ 2630523

■ 5657979

■ 1841019

■ 6447483

■ 1051515

■ 7236987

■ 393339

■ 8026747

■ 8750715

■ 9540219

■ 10329723

■ 11053947

# Harmonies

## Analogous

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



18562



4144251



6761829

# Triad

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



4144251



7025932



21057

# Complementary

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



4144251



7895868

# 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.



20257



4144251



5521920

# Square

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



4144251



7940136



3492355



21089

# Rectangle

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



4144251



7677265



3492355



20790



# Sweetspot

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



4144251



9079201



3963259



4473682



13750737



5395026



# Same Dimension

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



4144251



4407201



6175867



3618621



393341



786684



# Inverse Universe

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



8076408



10567580



5864252



4011837



8192119



16515312



# Previews

## White Background



This preview shows how the Decimal color 4144251 looks on a white background.

## Color Contrast Check

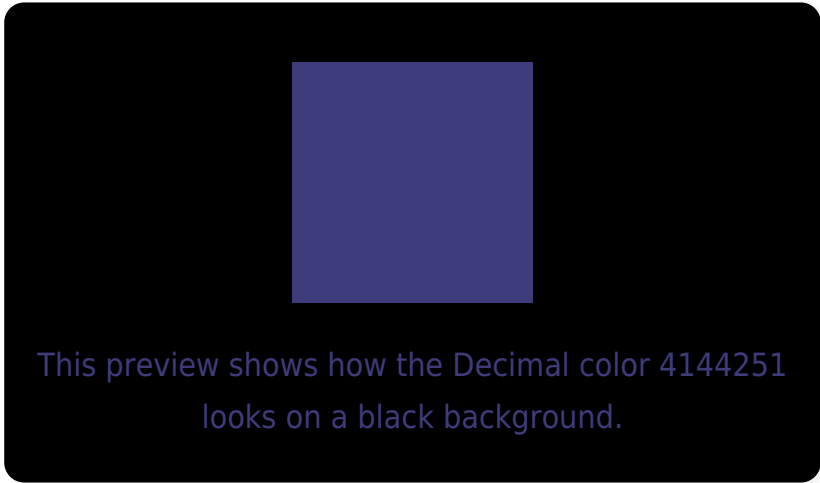
Large Text (above 18pt) WCAG AA ✓ Pass

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

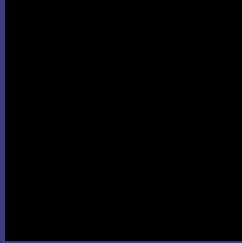
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4144251 Background



This preview shows how black text looks on a background with the Decimal color 4144251.



This preview shows how white text looks on a background with the Decimal color 4144251.

# 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](#).

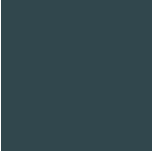
## Dichromacy



**Original Color**  
4144251

**Protanopia**  
2179713

**Deuteranopia**  
1066361



**Tritanopia**  
3229517

# Trichromacy



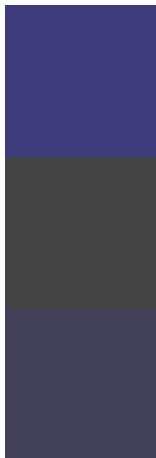
**Original Color**  
4144251

**Protanomaly**  
2900095

**Deuteranomaly**  
2179706

**Tritanomaly**  
3556190

# Monochromacy



**Original Color**  
4144251

**Achromatopsia**  
4473924

**Achromatomaly**  
4342104

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4144251 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 #3F3C7B looks like.

```
.text, #text, p{  
  color:#3F3C7B  
}
```

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 #3F3C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3C7B
}
```

## Border

The CSS property to change the border of an element to Decimal 4144251 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
#3F3C7B }
```

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

```
.border{ border-color:#3F3C7B }
```

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

Here you see how a box with a 4 pixel #3F3C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3C7B; -webkit-box-shadow:4px 4px  
4px 4px #3F3C7B; box-shadow:4px 4px 4px  
4px #3F3C7B }
```

# Background

The CSS property to change the background color of an element to Decimal 4144251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3C7B }
```

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

```
.background{ background-color:#3F3C7B }
```

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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