

# Converting Colors

Decimal(5064342)

Have a look what the booklet for  
Decimal(5064342) contains.

<b>Decimal(5064342)</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(5064342)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D4696
RGB	77, 70, 150
RGB Percent	30%, 27%, 59%
CMY	0.6980, 0.7255, 0.4118
CMYK	0.49, 0.53, 0.00, 0.41
HSL	245°, 36%, 43%
HSV	245°, 53%, 59%
XYZ	10.7557, 8.1601, 29.8623
YIQ	81.2130, -21.5080, 26.3640

# Conversions

## Conversions Part 2

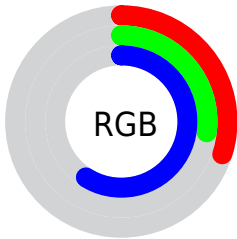
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 70, 150
Decimal	5064342
CIE Lab	34.31, 24.97, -43.19
CIE LCh	34, 49.894, 300.036
Yxy	8.1601, 0.2205, 0.1673
Android (android.graphics.Color)	4283254422 (0xFF4D4696)
YUV	81.2130, 33.9120, -3.6948
Hunter-Lab	28.5659, 17.2192, -41.9847

# Details

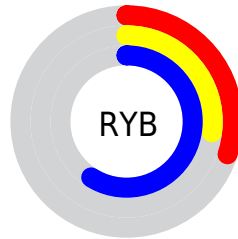
The Decimal color **5064342** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9410118**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **8615629**, and **1251938** is the 20% darker color. If you saturate the color by 10%, you get **4142998**, and if you desaturate by 10%, it is **5985686**.

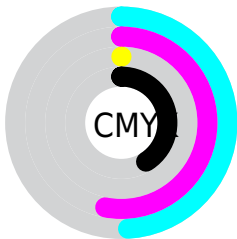
# Distribution



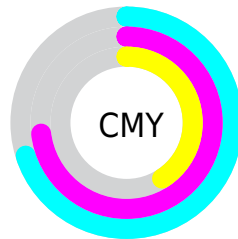
- Red (30%)
- Green (27%)
- Blue (59%)



- Red (30%)
- Yellow (27%)
- Blue (59%)



- Cyan (49%)
- Magenta (53%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (73%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5064342 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 5064342 by changing the saturation by 10% instead.





5064342



5064342

16777215



3289212



8615629



1251938



10391785



1098



12233727



1075



14141183



541



16048895



0



5064342



5064342



4142998



5985686



3287190



6841494

■ 2365846

■ 7762838

■ 1444502

■ 8684182

■ 852118

■ 9539990

■ 10461334

■ 11382678

■ 12304022

■ 13159830

# Harmonies

## Analogous

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



22177



5064342



8335737

# Triad

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



5064342



8404740



25168

# Complementary

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



5064342



9410118

# 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.



24614



5064342



6442752

# Square

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



5064342



9645100



3889664



25208

# Rectangle

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



5064342



9447008



3889664



25154



# Sweetspot

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



5064342



10920898



4624278



5262945



14737632



6381921



# Same Dimension

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



5064342



5326530



7685782



4408138



786570



65546



# Inverse Universe

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



9848463



12732087



6788678



4866889



9044094



655369



# Previews

## White Background



This preview shows how the Decimal color 5064342 looks on a white background.

## Color Contrast Check

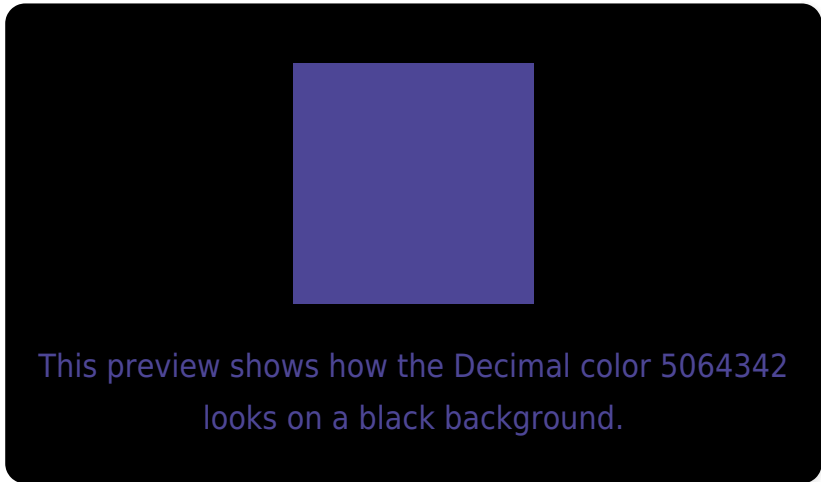
Large Text (above 18pt) WCAG AA ✓ Pass

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

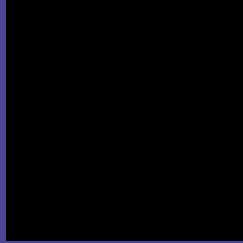
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5064342 Background



This preview shows how black text looks on a background with the Decimal color 5064342.




This preview shows how white text looks on a background with the Decimal color 5064342.

# 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





**Tritanopia**  
3954012

# Trichromacy



**Original Color**  
5064342

**Protanomaly**  
3165083

**Deuteranomaly**  
1855123

**Tritanomaly**  
4345969

# Monochromacy



**Original Color**  
5064342

**Achromatopsia**  
5329233

**Achromatomaly**  
5262698

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5064342 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 #4D4696 looks like.

```
.text, #text, p{  
    color:#4D4696  
}
```

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 #4D4696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4696
}
```

## Border

The CSS property to change the border of an element to Decimal 5064342 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
#4D4696 }
```

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

```
.border{ border-color:#4D4696 }
```

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

Here you see how a box with a 4 pixel #4D4696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4696; -webkit-box-shadow:4px 4px  
4px 4px #4D4696; box-shadow:4px 4px 4px  
4px #4D4696 }
```

# Background

The CSS property to change the background color of an element to Decimal 5064342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4696 }
```

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

```
.background{ background-color:#4D4696 }
```

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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