

# Converting Colors

Decimal(4347261)

Have a look what the booklet for  
Decimal(4347261) contains.

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# Color

**Decimal(4347261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42557D
RGB	66, 85, 125
RGB Percent	26%, 33%, 49%
CMY	0.7412, 0.6667, 0.5098
CMYK	0.47, 0.32, 0.00, 0.51
HSL	221°, 31%, 37%
HSV	221°, 47%, 49%
XYZ	9.1969, 9.1359, 20.6807
YIQ	83.8790, -24.1640, 8.4120

# Conversions

## Conversions Part 2

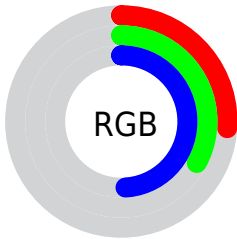
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 80, 125
Decimal	4347261
CIE <sub>Lab</sub>	36.24, 4.35, -24.89
CIE <sub>LCh</sub>	36, 25.266, 279.924
Yxy	9.1359, 0.2357, 0.2342
Android (android.graphics.Color)	4282537341 (0xFF42557D)
YUV	83.8790, 20.2727, -15.6799
Hunter-Lab	30.2257, 1.4183, -19.4088

# Details

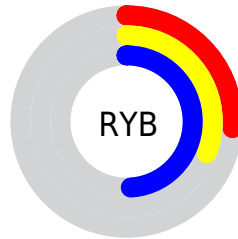
The Decimal color **4347261** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8219202**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **7702194**, and **862284** is the 20% darker color. If you saturate the color by 10%, you get **3558781**, and if you desaturate by 10%, it is **5201277**.

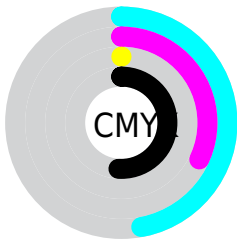
# Distribution



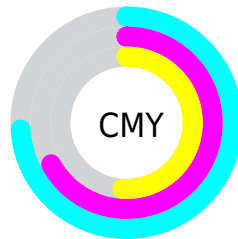
- Red (26%)
- Green (33%)
- Blue (49%)



- Red (26%)
- Yellow (31%)
- Blue (49%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (51%)



- Cyan (74%)
- Magenta (67%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4347261 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 4347261 by changing the saturation by 10% instead.



■ 4347261

■ 4347261

16777215

■ 2702948

■ 7702194

■ 862284

■ 9413069

■ 5173

■ 11255018

■ 543

■ 13031423

■ 3

■ 14939391

■ 0

■ 4347261

■ 4347261

■ 3558781

■ 5201277

■ 2704509

■ 5990013

■ 1916029

■ 6844029

■ 1061757

■ 7632765

■ 273277

■ 8486781

■ 10365

■ 9275517

■ 10129533

■ 10918269

■ 11772285

# Harmonies

## Analogous

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



1661819



4347261



6311284

# Triad

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



4347261



7948604



2842439

# Complementary

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



4347261



8219202

# 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.



4611125



4347261



7229231

# Square

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



4347261



8144207



6051373



90204

# Rectangle

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



4347261



7293290



6051373



3497536



# Sweetspot

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



4347261



9213091



4357481



4474962



13750737



5395026



# Same Dimension

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



4347261



4613283



4997757



3750720



10624



0



# Inverse Universe

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



8208981



10700388



7568706



4208955



8388649



0



# Previews

## White Background



This preview shows how the Decimal color 4347261 looks on a white background.

## Color Contrast Check

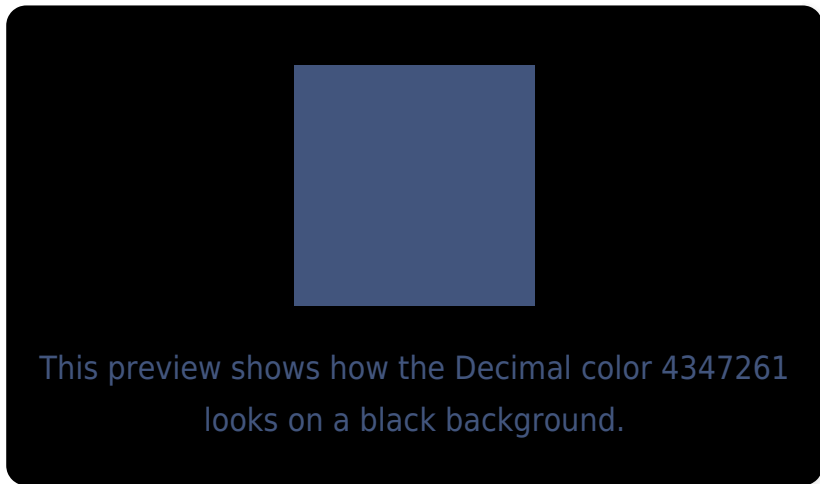
Large Text (above 18pt) WCAG AA ✓ Pass

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

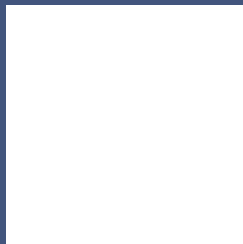
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4347261 Background



This preview shows how black text looks on a background with the Decimal color 4347261.

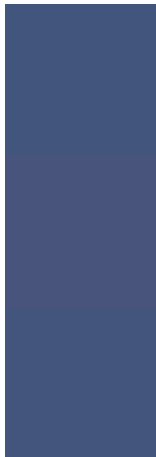


This preview shows how white text looks on a background with the Decimal color 4347261.

# 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**  
4347261

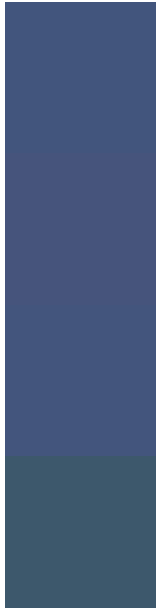
**Protanopia**  
4740220

**Deuteranopia**  
4478333



**Tritanopia**  
3824226

# Trichromacy



**Original Color**

4347261

**Protanomaly**

4609148

**Deuteranomaly**

4412797

**Tritanomaly**

4020332

# Monochromacy



**Original Color**

4347261

**Achromatopsia**

5526612

**Achromatomaly**

5067875

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4347261 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 #42557D looks like.

```
.text, #text, p{  
    color:#42557D  
}
```

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 #42557D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42557D  
}
```

## Border

The CSS property to change the border of an element to Decimal 4347261 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".

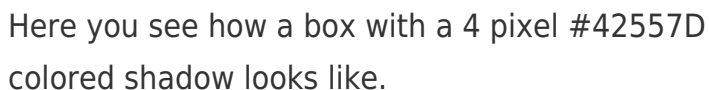
```
.border, #border, table{ border:4px solid  
#42557D }
```

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

```
.border{ border-color:#42557D }
```

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

Here you see how a box with a 4 pixel #42557D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42557D; -webkit-box-shadow:4px 4px  
4px 4px #42557D; box-shadow:4px 4px 4px  
4px #42557D }
```

# Background

The CSS property to change the background color of an element to Decimal 4347261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42557D }
```

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

```
.background{ background-color:#42557D }
```

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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