

# Converting Colors

Decimal(6373261)

Have a look what the booklet for  
Decimal(6373261) contains.

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# Color

**Decimal(6373261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613F8D
RGB	97, 63, 141
RGB Percent	38%, 25%, 55%
CMY	0.6196, 0.7529, 0.4471
CMYK	0.31, 0.55, 0.00, 0.45
HSL	266°, 38%, 40%
HSV	266°, 55%, 55%
XYZ	11.5150, 8.0195, 26.1403
YIQ	82.0580, -4.7740, 31.4660

# Conversions

## Conversions Part 2

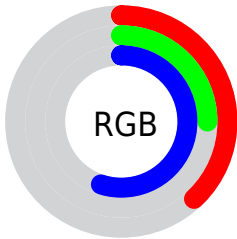
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 63, 141
Decimal	6373261
CIE <sub>Lab</sub>	34.02, 31.79, -38.06
CIE <sub>LCh</sub>	34, 49.585, 309.873
Yxy	8.0195, 0.2521, 0.1756
Android (android.graphics.Color)	4284563341 (0xFF613F8D)
YUV	82.0580, 29.0584, 13.1041
Hunter-Lab	28.3187, 23.0242, -34.9061

# Details

The Decimal color **6373261** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7048511**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9859267**, and **3019098** is the 20% darker color. If you saturate the color by 10%, you get **5845389**, and if you desaturate by 10%, it is **6901133**.

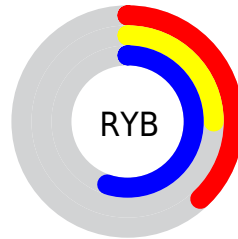
# Distribution



Red (38%)

Green (25%)

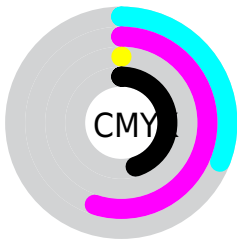
Blue (55%)



Red (38%)

Yellow (25%)

Blue (55%)

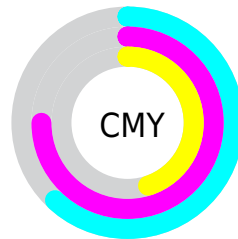


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6373261 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 6373261 by changing the saturation by 10% instead.



6373261

6373261

16777215

4663411

9859267

3019098

11700959

1441858

13542652

43

15384831

278

16768255

0

16775423

6373261

6373261

5845389

6901133

■ 5317517

■ 7429005

■ 4789645

■ 7956877

■ 4261773

■ 8484749

■ 3997837

■ 9012877

■ 9540749

■ 10068621

■ 10596493

■ 11124365

# Harmonies

## Analogous

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



20894



6373261



8924012

# Triad

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



6373261



7816192



25180

# Complementary

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



6373261



7048511

# 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.



24627



6373261



5657088

# Square

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



6373261



9253151



2710280



24962

# Rectangle

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



6373261



9642834



2710280



24911



# Sweetspot

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



6373261



10918072



4156301



5327196



14408667



6052956



# Same Dimension

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



6373261



7552696



8929165



4407367



3866759



196616



# Inverse Universe

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



9256811



12074627



4492607



4669508



8847436

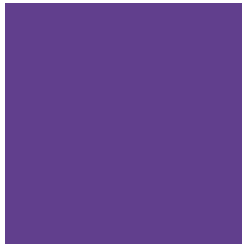


524292



# Previews

## White Background



This preview shows how the Decimal color 6373261 looks on a white background.

## Color Contrast Check

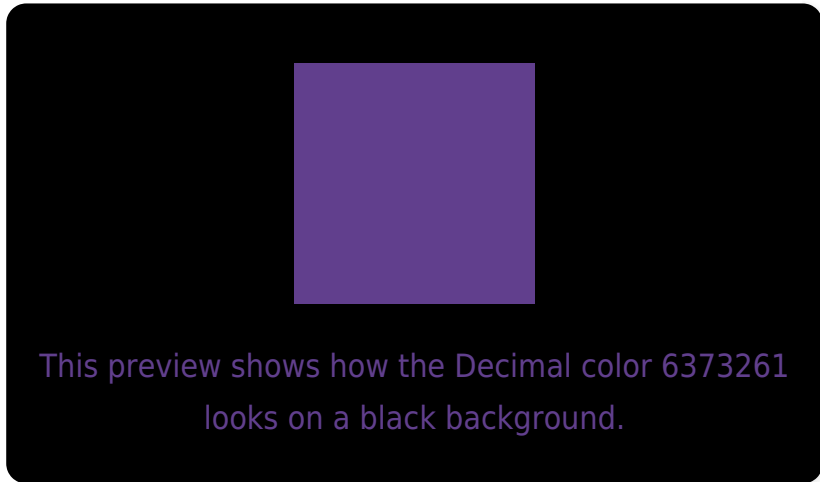
Large Text (above 18pt) WCAG AA ✓ Pass

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

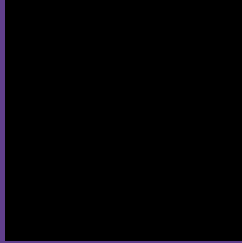
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6373261 Background



This preview shows how black text looks on a background with the Decimal color 6373261.

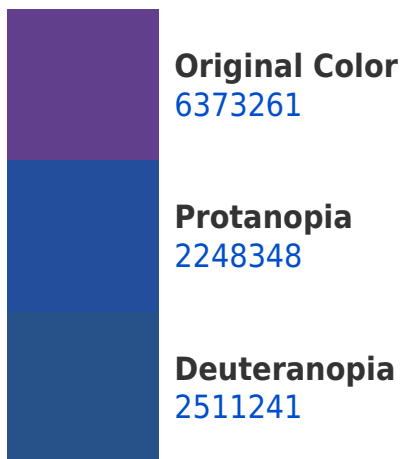



This preview shows how white text looks on a background with the Decimal color 6373261.

# 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**  
5656148

# Trichromacy



**Original Color**  
6373261

**Protanomaly**  
3754391

**Deuteranomaly**  
3885706

**Tritanomaly**  
5917033

# Monochromacy



**Original Color**  
6373261

**Achromatopsia**  
5395026

**Achromatomaly**  
5720935

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6373261 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 #613F8D looks like.

```
.text, #text, p{  
    color:#613F8D  
}
```

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 #613F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613F8D
}
```

## Border

The CSS property to change the border of an element to Decimal 6373261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

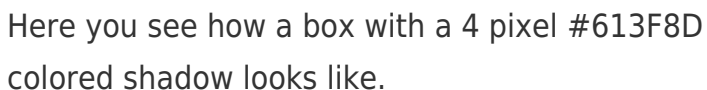
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613F8D }
```

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

```
.border{ border-color:#613F8D }
```

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



Here you see how a box with a 4 pixel #613F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613F8D; -webkit-box-shadow:4px 4px  
4px 4px #613F8D; box-shadow:4px 4px 4px  
4px #613F8D }
```

# Background

The CSS property to change the background color of an element to Decimal 6373261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613F8D }
```

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

```
.background{ background-color:#613F8D }
```

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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