

# Converting Colors

Decimal(6301537)

Have a look what the booklet for  
Decimal(6301537) contains.

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**Color**

**Decimal(6301537)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	602761
RGB	96, 39, 97
RGB Percent	38%, 15%, 38%
CMY	0.6235, 0.8471, 0.6196
CMYK	0.01, 0.60, 0.00, 0.62
HSL	299°, 43%, 27%
HSV	299°, 60%, 38%
XYZ	7.7071, 4.8009, 11.8297
YIQ	62.6550, 15.3540, 30.1220

# Conversions

## Conversions Part 2

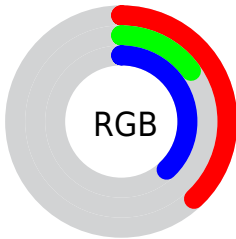
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 39, 97
Decimal	6301537
CIE <sub>Lab</sub>	26.16, 34.69, -22.74
CIE <sub>LCh</sub>	26, 41.482, 326.750
Yxy	4.8009, 0.3167, 0.1973
Android (android.graphics.Color)	4284491617 (0xFF602761)
YUV	62.6550, 16.9321, 29.2436
Hunter-Lab	21.9110, 24.4422, -16.6730




# Details

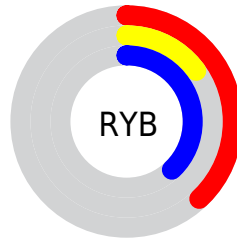
The Decimal color **6301537** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2646311**, and the grayscale version is **4079166**.




A 20% lighter version of the original color is **9722004**, and **3080242** is the 20% darker color. If you saturate the color by 10%, you get **6298977**, and if you desaturate by 10%, it is **6304097**.

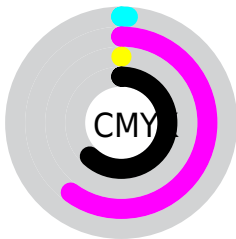
# Distribution







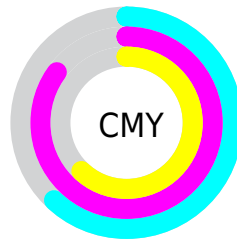
-  Red (38%)
-  Green (15%)
-  Blue (38%)






-  Red (38%)
-  Yellow (15%)
-  Blue (38%)



-  Cyan (1%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (85%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6301537 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 6301537 by changing the saturation by 10% instead.



6301537

6301537

16777215

4656713

9722004

3080242

11563439

1507357

13405130

0

15247078

16761343

16768767

16775935

6301537

6301537

■ 6298977

■ 6304097

■ 6296673

■ 6306401

■ 6228577

■ 6374497

■ 6226017

■ 6377057

■ 6379617

■ 6381921

■ 6384481

■ 6387041

■ 6454881

# Harmonies

## Analogous

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



3422071



6301537



7543363

# Triad

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



6301537



5192448



19546

# Complementary

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



6301537



2646311

# 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.



19513



6301537



3228672

# Square

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



6301537



6696453



18713



18803

# Rectangle

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



6301537



7674926



18713



19535



# Sweetspot

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



6301537



8218237



2566497



4207168



12566463



4210752



# Same Dimension

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



6301537



8070013



6367046



3157040



7209072



15466736



# Inverse Universe

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



6367016



8200997



2580802



3157036



7340034



15728644



# Previews

## White Background



This preview shows how the Decimal color 6301537 looks on a white background.

## Color Contrast Check

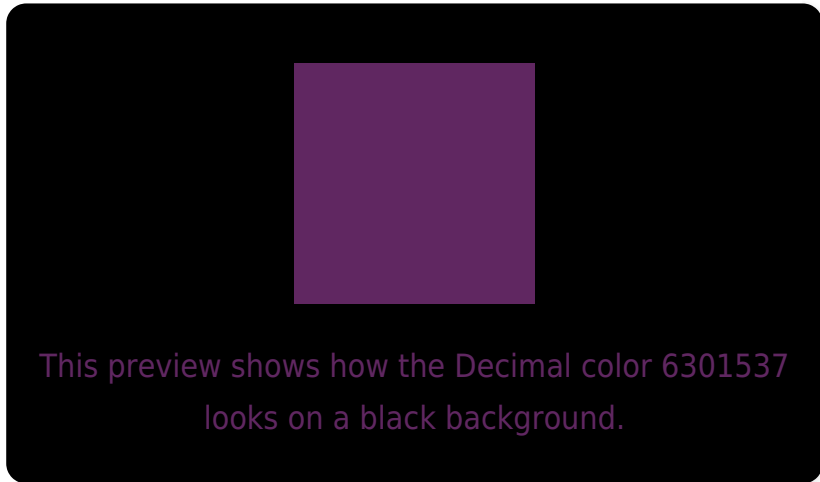
Large Text (above 18pt) WCAG AA ✓ Pass

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

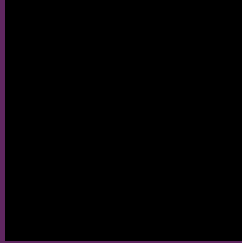
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6301537 Background



This preview shows how black text looks on a background with the Decimal color 6301537.



This preview shows how white text looks on a background with the Decimal color 6301537.

# 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





# Trichromacy



**Original Color**  
6301537

**Protanomaly**  
3683694

**Deuteranomaly**  
4404830

**Tritanomaly**  
6106950

# Monochromacy



**Original Color**  
6301537

**Achromatopsia**  
4144959

**Achromatomaly**  
4929099

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6301537 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 #602761 looks like.

```
.text, #text, p{  
    color:#602761  
}
```

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 #602761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602761
}
```

## Border

The CSS property to change the border of an element to Decimal 6301537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

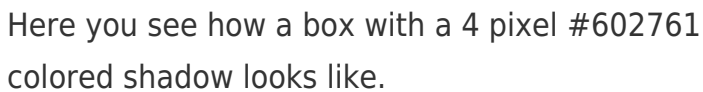
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#602761 }
```

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

```
.border{ border-color:#602761 }
```

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



Here you see how a box with a 4 pixel #602761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602761; -webkit-box-shadow:4px 4px  
4px 4px #602761; box-shadow:4px 4px 4px  
4px #602761 }
```

# Background

The CSS property to change the background color of an element to Decimal 6301537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602761 }
```

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

```
.background{ background-color:#602761 }
```

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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