

# Converting Colors

Decimal(6240839)

Have a look what the booklet for  
Decimal(6240839) contains.

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# Color

**Decimal(6240839)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F3A47
RGB	95, 58, 71
RGB Percent	37%, 23%, 28%
CMY	0.6275, 0.7725, 0.7216
CMYK	0.00, 0.39, 0.25, 0.63
HSL	339°, 24%, 30%
HSV	339°, 39%, 37%
XYZ	7.3697, 5.9139, 6.7143
YIQ	70.5450, 17.8790, 11.8870

# Conversions

## Conversions Part 2

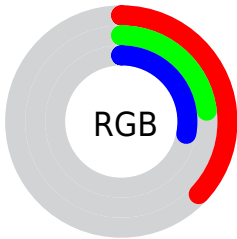
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 58, 71
Decimal	6240839
CIELab	29.19, 18.41, -1.09
CIElCh	29, 18.439, 356.599
Yxy	5.9139, 0.3685, 0.2957
Android (android.graphics.Color)	4284430919 (0xFF5F3A47)
YUV	70.5450, 0.2243, 21.4470
Hunter-Lab	24.3186, 11.5365, 0.6532




# Details

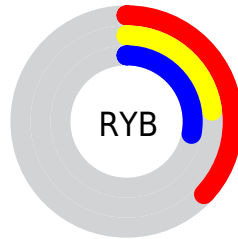
The Decimal color **6240839** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3825490**, and the grayscale version is **4671303**.




A 20% lighter version of the original color is **9595511**, and **3084060** is the 20% darker color. If you saturate the color by 10%, you get **6238273**, and if you desaturate by 10%, it is **6243405**.

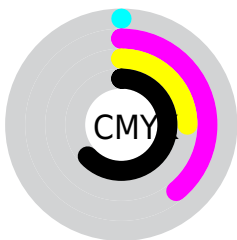
# Distribution







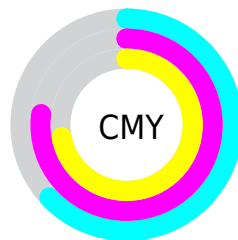
-  Red (37%)
-  Green (23%)
-  Blue (28%)






-  Red (37%)
-  Yellow (23%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (25%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (77%)
-  Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6240839 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 6240839 by changing the saturation by 10% instead.



6240839

6240839

16777215

4662321

9595511

3084060

11371409

1835009

13213099

0

15055047

16766179

16773631

6240839

6240839

6238273

6243405

6235963

6245715

6233397

6248025

6231086

6250592

6228776

6253158

6226210

6255468

6225953

6257778

6260344

6262910

# Harmonies

## Analogous

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



5586261



6240839



6372153

# Triad

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



6240839



4278315



1591900

# Complementary

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



6240839



3825490

# 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.



1068113



6240839



3230517

# Square

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



6240839



5260072



2051139



3032929

# Rectangle

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



6240839



6176049



2051139



1264473



# Sweetspot

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



6240839



8023153



5323359



4011320



12434877



4013373



# Same Dimension

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



6240839



8012117



6242106



3157037



7340071



15728724



# Inverse Universe

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



6240839



8012117



3824223



3157037



7340071

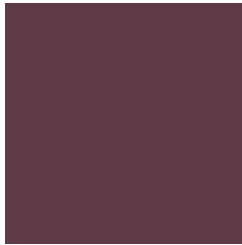


15728724



# Previews

## White Background



This preview shows how the Decimal color 6240839 looks on a white background.

## Color Contrast Check

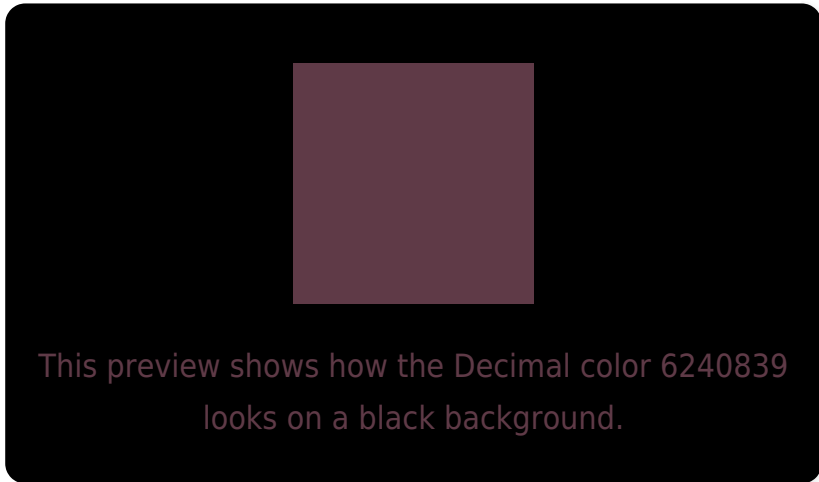
Large Text (above 18pt) WCAG AA ✓ Pass

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

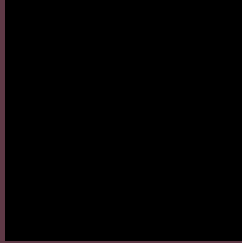
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6240839 Background



This preview shows how black text looks on a background with the Decimal color 6240839.



This preview shows how white text looks on a background with the Decimal color 6240839.

# 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**

6240839

**Protanopia**

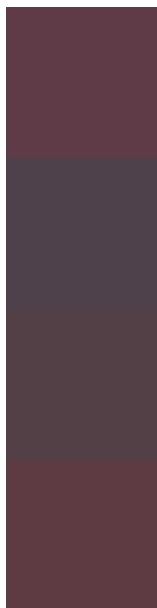
4474190

**Deuteranopia**

4997957



# Trichromacy



**Original Color**

6240839

**Protanomaly**

5128523

**Deuteranomaly**

5455942

**Tritanomaly**

6175555

# Monochromacy



**Original Color**

6240839

**Achromatopsia**

4671303

**Achromatomaly**

5259847

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6240839 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 #5F3A47 looks like.

```
.text, #text, p{  
  color:#5F3A47  
}
```

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 #5F3A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3A47
}
```

## Border

The CSS property to change the border of an element to Decimal 6240839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

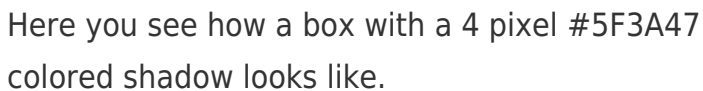
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F3A47 }
```

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

```
.border{ border-color:#5F3A47 }
```

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



Here you see how a box with a 4 pixel #5F3A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3A47; -webkit-box-shadow:4px 4px  
4px 4px #5F3A47; box-shadow:4px 4px 4px  
4px #5F3A47 }
```

# Background

The CSS property to change the background color of an element to Decimal 6240839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3A47 }
```

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

```
.background{ background-color:#5F3A47 }
```

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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