

# Converting Colors

Decimal(6172740)

Have a look what the booklet for  
Decimal(6172740) contains.

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# Color

**Decimal(6172740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E3044
RGB	94, 48, 68
RGB Percent	37%, 19%, 27%
CMY	0.6314, 0.8118, 0.7333
CMYK	0.00, 0.49, 0.28, 0.63
HSL	334°, 32%, 28%
HSV	334°, 49%, 37%
XYZ	6.7164, 4.9109, 6.0628
YIQ	64.0340, 20.9960, 15.9720

# Conversions

## Conversions Part 2

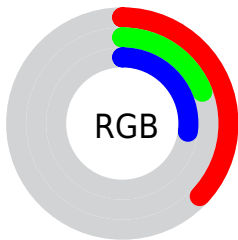
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 48, 68
Decimal	6172740
CIELab	26.48, 23.61, -3.13
CIElCh	26, 23.819, 352.446
Yxy	4.9109, 0.3797, 0.2776
Android (android.graphics.Color)	4284362820 (0xFF5E3044)
YUV	64.0340, 1.9552, 26.2802
Hunter-Lab	22.1606, 15.3185, -0.7082

# Details

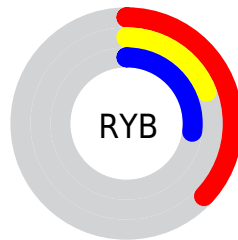
The Decimal color **6172740** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3169866**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **9592692**, and **3015449** is the 20% darker color. If you saturate the color by 10%, you get **6170431**, and if you desaturate by 10%, it is **6175049**.

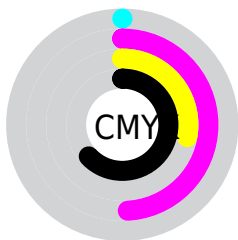
# Distribution



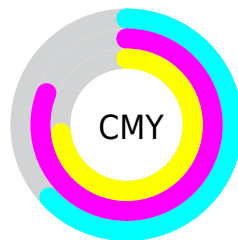
- Red (37%)
- Green (19%)
- Blue (27%)



- Red (37%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (28%)
- Black (63%)



- Cyan (63%)
- Magenta (81%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6172740 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 6172740 by changing the saturation by 10% instead.



6172740

6172740

16777215

4528686

9592692

3015449

11368846

1245184

13210536

0

15052227

16763359

16770556

6172740

6172740

6170431

6175049

6167865

6177615

6165556

6179924

6162991

6182489

6160681

6184799

6160425

6187108

6189673

6191983

6194548

# Harmonies

## Analogous

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



5322069



6172740



6369330

# Triad

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



6172740



3949084



18011

# Complementary

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



6172740



3169866

# 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.



18508



6172740



2573864

# Square

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



6172740



5127194



280633



1262178

# Rectangle

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



6172740



6173479



280633



18263



# Sweetspot

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



6172740



8022128



4796510



4010551



12434877



4013373



# Same Dimension

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



6172740



8008274



6173232



3025195



7209008



15532135



# Inverse Universe

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



6172740



8008274



3169374



3025195



7209008

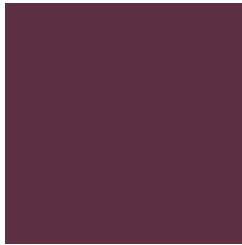


15532135



# Previews

## White Background



This preview shows how the Decimal color 6172740 looks on a white background.

## Color Contrast Check

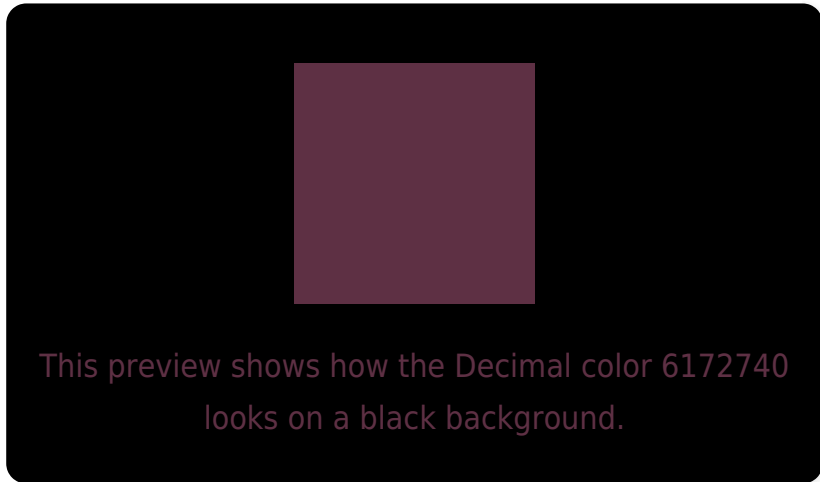
Large Text (above 18pt) WCAG AA ✓ Pass

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

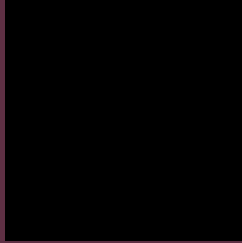
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6172740 Background



This preview shows how black text looks on a background with the Decimal color 6172740.



This preview shows how white text looks on a background with the Decimal color 6172740.

# 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**  
6172740

**Protanopia**  
3948365

**Deuteranopia**  
4472130



**Tritanopia**  
6107958

# Trichromacy



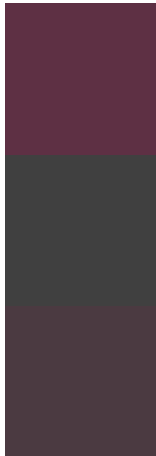
**Original Color**  
6172740

**Protanomaly**  
4733514

**Deuteranomaly**  
5060675

**Tritanomaly**  
6107707

# Monochromacy



**Original Color**  
6172740

**Achromatopsia**  
4210752

**Achromatomaly**  
4930113

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6172740 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 #5E3044 looks like.

```
.text, #text, p{  
  color:#5E3044  
}
```

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 #5E3044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3044
}
```

## Border

The CSS property to change the border of an element to Decimal 6172740 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".

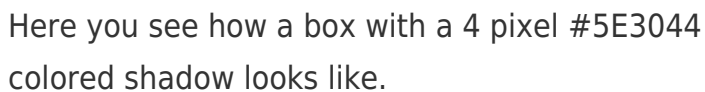
```
.border, #border, table{ border:4px solid
#5E3044 }
```

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

```
.border{ border-color:#5E3044 }
```

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

Here you see how a box with a 4 pixel #5E3044 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3044; -webkit-box-shadow:4px 4px  
4px 4px #5E3044; box-shadow:4px 4px 4px  
4px #5E3044 }
```

# Background

The CSS property to change the background color of an element to Decimal 6172740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3044 }
```

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

```
.background{ background-color:#5E3044 }
```

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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