

# Converting Colors

Decimal(6173787)

Have a look what the booklet for  
Decimal(6173787) contains.

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**Color**

**Decimal(6173787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E345B
RGB	94, 52, 91
RGB Percent	37%, 20%, 36%
CMY	0.6314, 0.7961, 0.6431
CMYK	0.00, 0.45, 0.03, 0.63
HSL	304°, 29%, 29%
HSV	304°, 45%, 37%
XYZ	7.7324, 5.5910, 10.5692
YIQ	69.0040, 12.5130, 21.0330

# Conversions

## Conversions Part 2

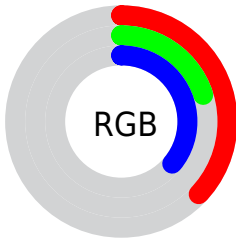
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 52, 91
Decimal	6173787
CIELab	28.36, 25.46, -15.44
CIELCh	28, 29.777, 328.768
Yxy	5.5910, 0.3236, 0.2340
Android (android.graphics.Color)	4284363867 (0xFF5E345B)
YUV	69.0040, 10.8440, 21.9215
Hunter-Lab	23.6453, 16.9933, -9.9502

# Details

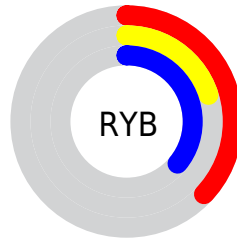
The Decimal color **6173787** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3431991**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **9528461**, and **3016493** is the 20% darker color. If you saturate the color by 10%, you get **6171482**, and if you desaturate by 10%, it is **6176092**.

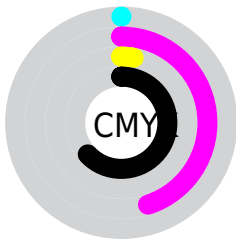
# Distribution



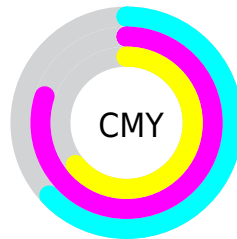
- Red (37%)
- Green (20%)
- Blue (36%)



- Red (37%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (63%)



- Cyan (63%)
- Magenta (80%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6173787 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 6173787 by changing the saturation by 10% instead.



6173787

6173787

16777215

4595011

9528461

3016493

11304360

1703961

13146051

0

14987999

16764668

16771839

6173787

6173787

6171482

6176092

6168922

6178652

6166617

6180957

6164056

6183518

6161752

6185822

6160471

6188127

6190688

6192992

6195553

# Harmonies

## Analogous

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



4341099



6173787



7089989

# Triad

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



6173787



5259538



20056

# Complementary

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



6173787



3431991

# 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.



20033



6173787



3819544

# Square

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



6173787



6437148



1788970



19306

# Rectangle

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



6173787



7155509



1788970



20049



# Sweetspot

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



6173787



8022649



3617886



4010813



12434877



4013373



# Same Dimension

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



6173787



8009846



6173766



3025198



7209062



15532252



# Inverse Universe

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



6173787



8009846



3432012



3025198



7209062

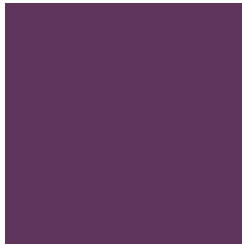


15532252



# Previews

## White Background



This preview shows how the Decimal color 6173787 looks on a white background.

## Color Contrast Check

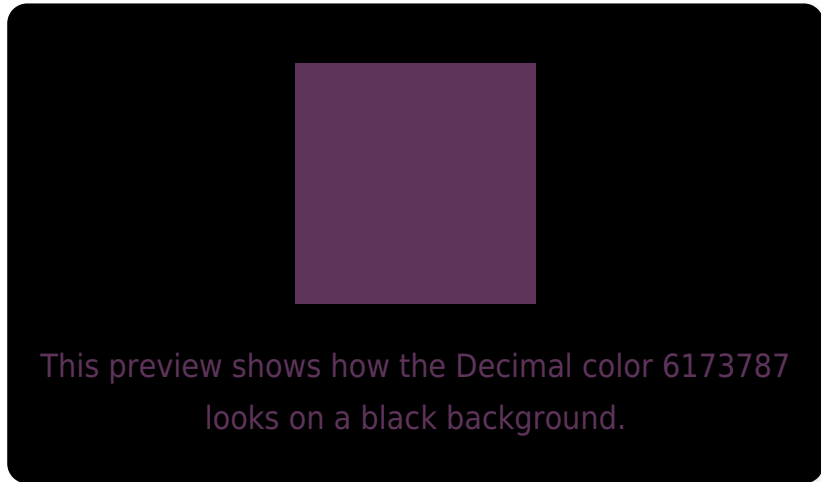
Large Text (above 18pt) WCAG AA ✓ Pass

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

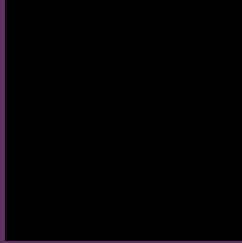
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6173787 Background



This preview shows how black text looks on a background with the Decimal color 6173787.



This preview shows how white text looks on a background with the Decimal color 6173787.

# 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**  
6173787

**Protanopia**  
3621478

**Deuteranopia**  
4145752



**Tritanopia**  
5978687

# Trichromacy



**Original Color**  
6173787

**Protanomaly**  
4537698

**Deuteranomaly**  
4865369

**Tritanomaly**  
6043721

# Monochromacy



**Original Color**  
6173787

**Achromatopsia**  
4539717

**Achromatomaly**  
5128013

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6173787 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 #5E345B looks like.

```
.text, #text, p{  
    color:#5E345B  
}
```

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 #5E345B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E345B
}
```

## Border

The CSS property to change the border of an element to Decimal 6173787 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
#5E345B }
```

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

```
.border{ border-color:#5E345B }
```

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

Here you see how a box with a 4 pixel #5E345B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E345B; -webkit-box-shadow:4px 4px  
4px 4px #5E345B; box-shadow:4px 4px 4px  
4px #5E345B }
```

# Background

The CSS property to change the background color of an element to Decimal 6173787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E345B }
```

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

```
.background{ background-color:#5E345B }
```

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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