

# Converting Colors

Decimal(6173760)

Have a look what the booklet for  
Decimal(6173760) contains.

|  |    |
|--|----|
| <b>Decimal(6173760)</b> .....                  | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Decimal(6173760)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 5E3440                    |
| RGB           | 94, 52, 64                |
| RGB Percent   | 37%, 20%, 25%             |
| CMY           | 0.6314, 0.7961, 0.7490    |
| CMYK          | 0.00, 0.45, 0.32, 0.63    |
| HSL           | 343°, 29%, 29%            |
| HSV           | 343°, 45%, 37%            |
| XYZ           | 6.7695, 5.2058, 5.4985    |
| YIQ           | 65.9260, 21.1800, 12.6360 |

# Conversions

## Conversions Part 2

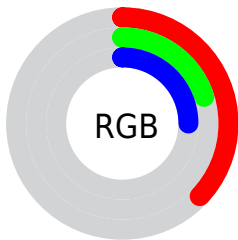
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">94, 52, 64</a>                    |
| Decimal                             | <a href="#">6173760</a>                       |
| CIELab                              | <a href="#">27.31, 20.56, 0.75</a>            |
| CIElCh                              | <a href="#">27, 20.576, 2.097</a>             |
| Yxy                                 | <a href="#">5.2058, 0.3874,<br/>0.2979</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4284363840<br/>(0xFF5E3440)</a>   |
| YUV                                 | <a href="#">65.9260, -0.9495,<br/>24.6209</a> |
| Hunter-Lab                          | <a href="#">22.8163, 13.0317,<br/>1.6830</a>  |




# Details

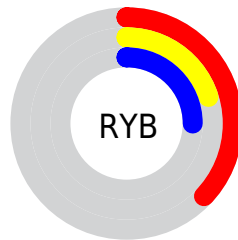
The Decimal color **6173760** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3432018**, and the grayscale version is **4342338**.




A 20% lighter version of the original color is **9593712**, and **3016726** is the 20% darker color. If you saturate the color by 10%, you get **6171449**, and if you desaturate by 10%, it is **6176071**.

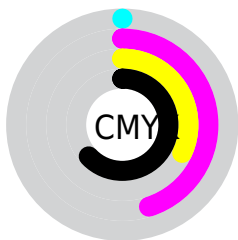
# Distribution







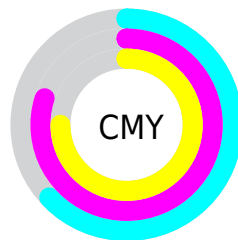
-  Red (37%)
-  Green (20%)
-  Blue (25%)






-  Red (37%)
-  Yellow (20%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (32%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (80%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6173760 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 6173760 by changing the saturation by 10% instead.



6173760

6173760

16777215

4529706

9593712

3016726

11369865

1310720

13211555

0

15053502

16764378

16771575

6173760

6173760

6171449

6176071

6168883

6178637

6166572

6180948

6164005

6183515

6161694

6185826

6160411

6188136

6190703

6193014

6195580

# Harmonies

## Analogous

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



5584720



6173760



6174257

# Triad

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



6173760



3753253



542300

# Complementary

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



6173760



3432018

# 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.



18513



6173760



2508849

# Square

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



6173760



4866081



805185



2769504

# Rectangle

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



6173760



5912872



805185



18265



# Sweetspot

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



6173760



8022639



5321822



4010806



12434877



4013373



# Same Dimension

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



6173760



8009803



6175796



3025195



7208991



15532100



# Inverse Universe

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



6173760



8009803



3429982



3025195



7208991

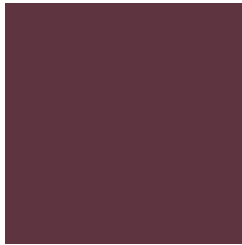


15532100



# Previews

## White Background



This preview shows how the Decimal color 6173760 looks on a white background.

## Color Contrast Check

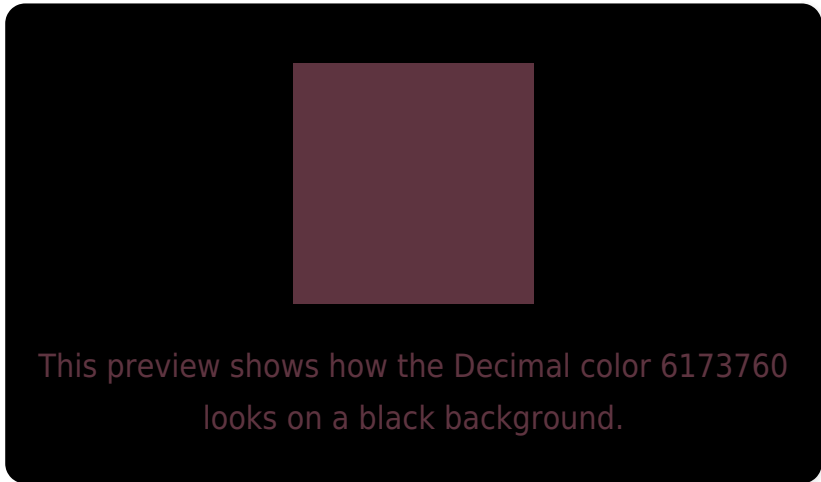
Large Text (above 18pt) WCAG AA ✓ Pass

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

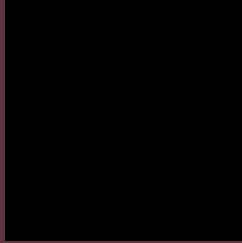
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6173760 Background



This preview shows how black text looks on a background with the Decimal color 6173760.



This preview shows how white text looks on a background with the Decimal color 6173760.

# 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**  
6173760

**Protanopia**  
4211015

**Deuteranopia**  
4734782



**Tritanopia**  
6108473

# Trichromacy



**Original Color**  
6173760

**Protanomaly**  
4930628

**Deuteranomaly**  
5258047

**Tritanomaly**  
6108476

# Monochromacy



**Original Color**  
6173760

**Achromatopsia**  
4342338

**Achromatomaly**  
4996417

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6173760 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 #5E3440 looks like.

```
.text, #text, p{  
    color:#5E3440  
}
```

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 #5E3440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3440
}
```

## Border

The CSS property to change the border of an element to Decimal 6173760 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".

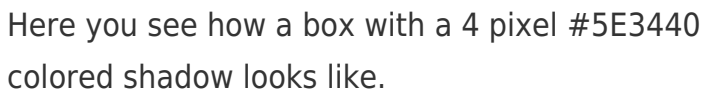
```
.border, #border, table{ border:4px solid
#5E3440 }
```

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

```
.border{ border-color:#5E3440 }
```

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

Here you see how a box with a 4 pixel #5E3440 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 #5E3440; -webkit-box-shadow:4px 4px  
4px 4px #5E3440; box-shadow:4px 4px 4px  
4px #5E3440 }
```

# Background

The CSS property to change the background color of an element to Decimal 6173760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3440 }
```

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

```
.background{ background-color:#5E3440 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor