

# Converting Colors

Decimal(6245983)

Have a look what the booklet for  
Decimal(6245983) contains.

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# Color

**Decimal(6245983)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F4E5F
RGB	95, 78, 95
RGB Percent	37%, 31%, 37%
CMY	0.6275, 0.6941, 0.6275
CMYK	0.00, 0.18, 0.00, 0.63
HSL	300°, 10%, 34%
HSV	300°, 18%, 37%
XYZ	9.5093, 8.7079, 12.0061
YIQ	85.0210, 4.6750, 8.8910

# Conversions

## Conversions Part 2

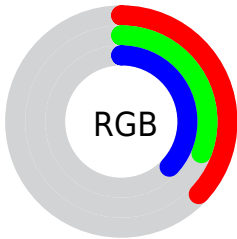
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 78, 95
Decimal	6245983
CIELab	35.42, 10.50, -7.26
CIElCh	35, 12.762, 325.340
Yxy	8.7079, 0.3146, 0.2881
Android (android.graphics.Color)	4284436063 (0xFF5F4E5F)
YUV	85.0210, 4.9196, 8.7516
Hunter-Lab	29.5091, 5.8803, -3.4663

# Details

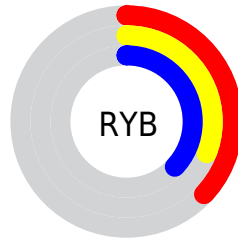
The Decimal color **6245983** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5136206**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9600913**, and **3220017** is the 20% darker color. If you saturate the color by 10%, you get **6243679**, and if you desaturate by 10%, it is **6248543**.

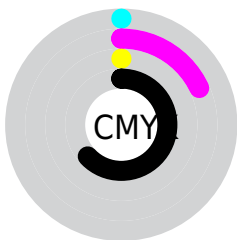
# Distribution



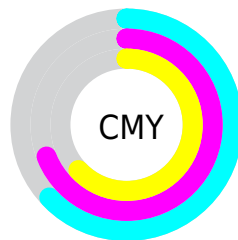
- Red (37%)
- Green (31%)
- Blue (37%)



- Red (37%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (69%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6245983 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 6245983 by changing the saturation by 10% instead.





6245983



6245983

16777215



4667207



9600913



3220017



11311532



1838108



13153479



0



14995427



16772351



6245983



6245983



6243679



6248543



6241119



6250847

6238815

6253407

6236255

6255711

6233951

6258271

6231391

6260575

6229087

6263135

6226527

6265439

6226015

6267999

# Harmonies

## Analogous

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



5460326



6245983



6769749

# Triad

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



6245983



6115903



3627356

# Complementary

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



6245983



5136206

# 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.



3955025



6245983



5395777

# Square

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



6245983



6639427



4610119



3823460

# Rectangle

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



6245983



6835278



4610119



3692888



# Sweetspot

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



6245983



8025210



5131871



4012605



12434877



4013373



# Same Dimension

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



6245983



8020346



6245975



3157040



7340144



15728880



# Inverse Universe

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



6245983



8020346



5136215



3157040



7340144



15728880



# Previews

## White Background



This preview shows how the Decimal color 6245983 looks on a white background.

## Color Contrast Check

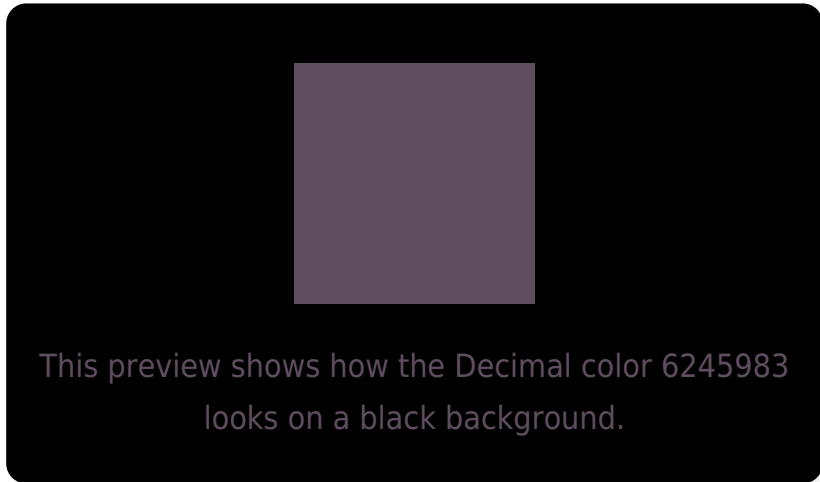
Large Text (above 18pt) WCAG AA ✓ Pass

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

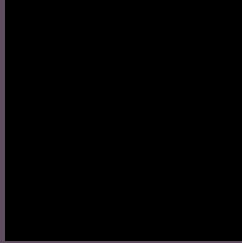
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6245983 Background



This preview shows how black text looks on a background with the Decimal color 6245983.

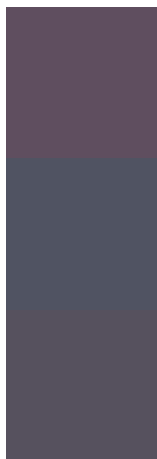


This preview shows how white text looks on a background with the Decimal color 6245983.

# 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**  
6245983

**Protanopia**  
5264226

**Deuteranopia**  
5656926



**Tritanopia**  
6180950

# Trichromacy



**Original Color**

6245983

**Protanomaly**

5591393

**Deuteranomaly**

5853278

**Tritanomaly**

6180697

# Monochromacy



**Original Color**

6245983

**Achromatopsia**

5592405

**Achromatomaly**

5853785

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6245983 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 #5F4E5F looks like.

```
.text, #text, p{  
  color:#5F4E5F  
}
```

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 #5F4E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4E5F
}
```

## Border

The CSS property to change the border of an element to Decimal 6245983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

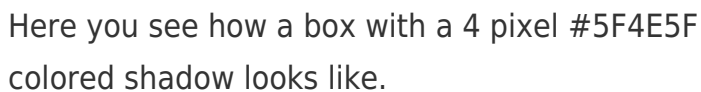
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4E5F }
```

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

```
.border{ border-color:#5F4E5F }
```

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



Here you see how a box with a 4 pixel #5F4E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4E5F; -webkit-box-shadow:4px 4px  
4px 4px #5F4E5F; box-shadow:4px 4px 4px  
4px #5F4E5F }
```

# Background

The CSS property to change the background color of an element to Decimal 6245983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4E5F }
```

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

```
.background{ background-color:#5F4E5F }
```

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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