

# Converting Colors

Decimal(6243386)

Have a look what the booklet for  
Decimal(6243386) contains.

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**Color**

**Decimal(6243386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F443A
RGB	95, 68, 58
RGB Percent	37%, 27%, 23%
CMY	0.6275, 0.7333, 0.7725
CMYK	0.00, 0.28, 0.39, 0.63
HSL	16°, 24%, 30%
HSV	16°, 39%, 37%
XYZ	7.5502, 6.8726, 4.9316
YIQ	74.9330, 19.3020, 2.6140

# Conversions

## Conversions Part 2

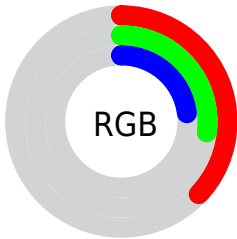
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 72, 58
Decimal	6243386
CIELab	31.52, 10.13, 10.63
CIElCh	32, 14.684, 46.384
Yxy	6.8726, 0.3901, 0.3551
Android (android.graphics.Color)	4284433466 (0xFF5F443A)
YUV	74.9330, -8.3480, 17.5988
Hunter-Lab	26.2157, 5.5308, 7.1976

# Details

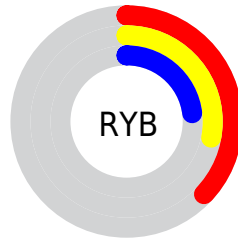
The Decimal color **6243386** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3822943**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **9598057**, and **3086608** is the 20% darker color. If you saturate the color by 10%, you get **6241584**, and if you desaturate by 10%, it is **6245188**.

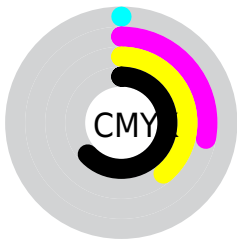
# Distribution



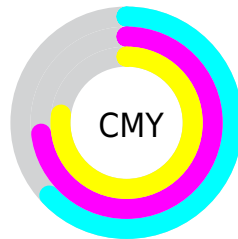
- Red (37%)
- Green (27%)
- Blue (23%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (63%)



- Cyan (63%)
- Magenta (73%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6243386 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 6243386 by changing the saturation by 10% instead.





6243386



6243386

16777215



4664868



9598057



3086608



11374210



1703936



13215900



0



15057847



16768979



16776431



6243386



6243386



6241584



6245188

■ 6239783

■ 6246989

■ 6237981

■ 6248790

■ 6236180

■ 6250592

■ 6234379

■ 6252394

■ 6232577

■ 6254195

■ 6232576

■ 6255996

■ 6257542

■ 6259344

# Harmonies

## Analogous

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



6439492



6243386



5720116

# Triad

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



6243386



3297348



4540768

# Complementary

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



6243386



3822943

# 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.



3493216



6243386



2707792

# Square

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



6243386



4148794



2707290



5522778

# Rectangle

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



6243386



5261875



2707290



4147809



# Sweetspot

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



6243386



8024172



6240853



4011829



12434877



4013373



# Same Dimension

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



6243386



8015937



6247994



3157292



7347712



15745280



# Inverse Universe

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



3822943



4287354



3818335



2895664



21104



45040



# Previews

## White Background



This preview shows how the Decimal color 6243386 looks on a white background.

## Color Contrast Check

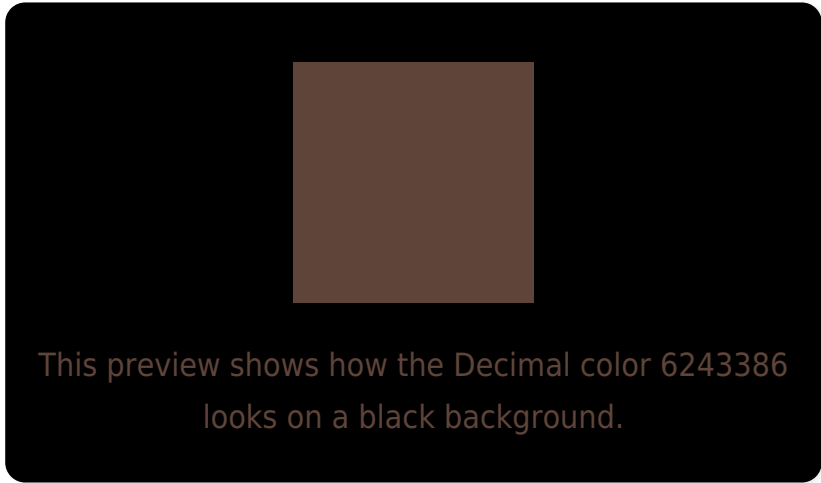
Large Text (above 18pt) WCAG AA ✓ Pass

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

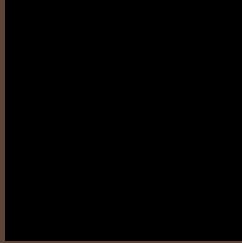
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6243386 Background



This preview shows how black text looks on a background with the Decimal color 6243386.

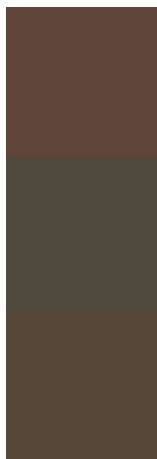


This preview shows how white text looks on a background with the Decimal color 6243386.

# 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**  
6243386

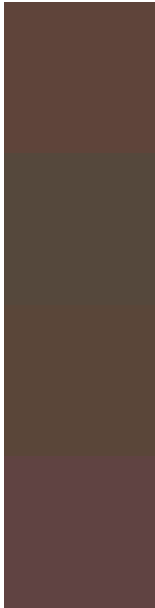
**Protanopia**  
5196349

**Deuteranopia**  
5719865



**Tritanopia**  
6308423

# Trichromacy



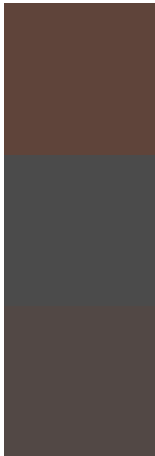
**Original Color**  
6243386

**Protanomaly**  
5589052

**Deuteranomaly**  
5916217

**Tritanomaly**  
6308674

# Monochromacy



**Original Color**  
6243386

**Achromatopsia**  
4934475

**Achromatomaly**  
5392453

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6243386 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 #5F443A looks like.

```
.text, #text, p{  
    color:#5F443A  
}
```

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 #5F443A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F443A
}
```

## Border

The CSS property to change the border of an element to Decimal 6243386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

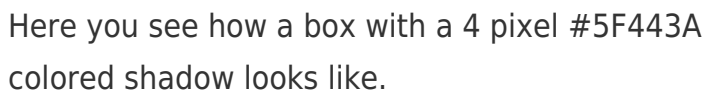
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F443A }
```

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

```
.border{ border-color:#5F443A }
```

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



Here you see how a box with a 4 pixel #5F443A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F443A; -webkit-box-shadow:4px 4px  
4px 4px #5F443A; box-shadow:4px 4px 4px  
4px #5F443A }
```

# Background

The CSS property to change the background color of an element to Decimal 6243386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F443A }
```

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

```
.background{ background-color:#5F443A }
```

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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