

# Converting Colors

Decimal(6243148)

Have a look what the booklet for  
Decimal(6243148) contains.

<b>Decimal(6243148)</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(6243148)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F434C
RGB	95, 67, 76
RGB Percent	37%, 26%, 30%
CMY	0.6275, 0.7373, 0.7020
CMYK	0.00, 0.29, 0.20, 0.63
HSL	341°, 17%, 32%
HSV	341°, 29%, 37%
XYZ	8.0310, 6.9690, 7.7594
YIQ	76.3980, 13.7990, 8.7350

# Conversions

## Conversions Part 2

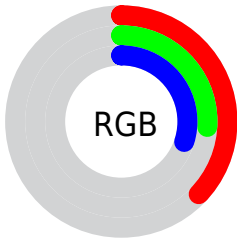
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 67, 76
Decimal	6243148
CIE <sub>Lab</sub>	31.74, 13.65, -0.61
CIE <sub>LCh</sub>	32, 13.659, 357.421
Yxy	6.9690, 0.3529, 0.3062
Android (android.graphics.Color)	4284433228 (0xFF5F434C)
YUV	76.3980, -0.1962, 16.3140
Hunter-Lab	26.3989, 8.1046, 1.0523

# Details

The Decimal color **6243148** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4415318**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **9597821**, and **3151904** is the 20% darker color. If you saturate the color by 10%, you get **6240838**, and if you desaturate by 10%, it is **6245714**.

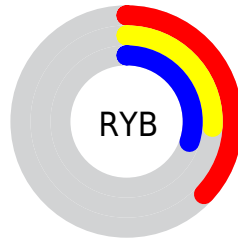
# Distribution



Red (37%)

Green (26%)

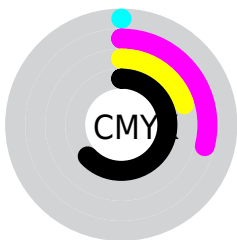
Blue (30%)



Red (37%)

Yellow (26%)

Blue (30%)

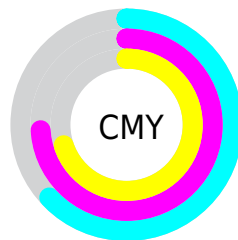


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (63%)



Cyan (63%)

Magenta (74%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6243148 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 6243148 by changing the saturation by 10% instead.



■ 6243148

■ 6243148

16777215

■ 4664629

■ 9597821

■ 3151904

■ 11373975

■ 1900552

■ 13150129

■ 0

■ 14992333

■ 16769001

■ 16776191

■ 6243148

■ 6243148

■ 6240838

■ 6245714

6238271

6248025

6235961

6250591

6233394

6252902

6230828

6255468

6228517

6257779

6226207

6260345

6225951

6262656

6265222

# Harmonies

## Analogous

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



5784918



6243148



6308929

# Triad

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



6243148



4738359



3166044

# Complementary

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



6243148



4415318

# 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.



2838612



6243148



3952447

# Square

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



6243148



5458485



3232073



3951712

# Rectangle

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



6243148



6178107



3232073



2969690



# Sweetspot

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



6243148



8023923



5653343



4011577



12434877



4013373



# Same Dimension

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



6243148



8015965



6244419



3157037



7340068



15728717



# Inverse Universe

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



6243148



8015965



4414047



3157037



7340068

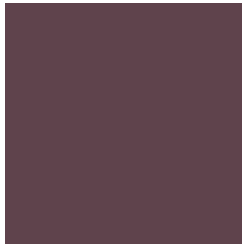


15728717



# Previews

## White Background



This preview shows how the Decimal color 6243148 looks on a white background.

## Color Contrast Check

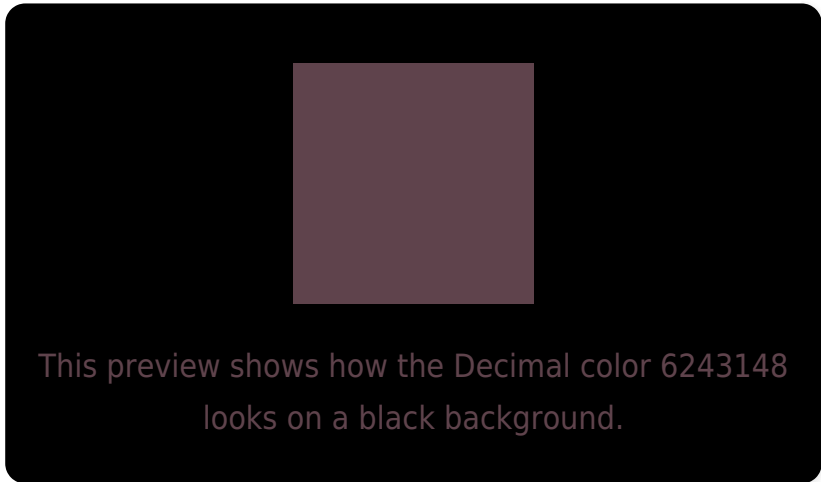
Large Text (above 18pt) WCAG AA ✓ Pass

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

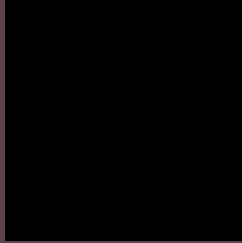
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6243148 Background



This preview shows how black text looks on a background with the Decimal color 6243148.

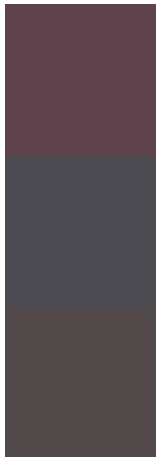


This preview shows how white text looks on a background with the Decimal color 6243148.

# 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**  
6243148

**Protanopia**  
4934224

**Deuteranopia**  
5392715



**Tritanopia**  
6243401

# Trichromacy



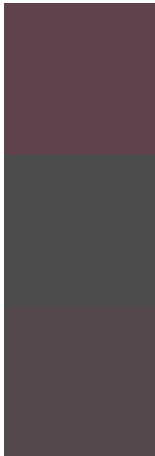
**Original Color**  
6243148

**Protanomaly**  
5392207

**Deuteranomaly**  
5719883

**Tritanomaly**  
6243402

# Monochromacy



**Original Color**  
6243148

**Achromatopsia**  
5000268

**Achromatomaly**  
5458252

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6243148 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 #5F434C looks like.

```
.text, #text, p{  
    color:#5F434C  
}
```

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 #5F434C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F434C
}
```

## Border

The CSS property to change the border of an element to Decimal 6243148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

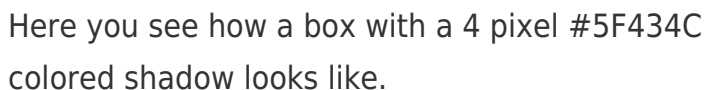
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F434C }
```

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

```
.border{ border-color:#5F434C }
```

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



Here you see how a box with a 4 pixel #5F434C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F434C; -webkit-box-shadow:4px 4px  
4px 4px #5F434C; box-shadow:4px 4px 4px  
4px #5F434C }
```

# Background

The CSS property to change the background color of an element to Decimal 6243148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F434C }
```

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

```
.background{ background-color:#5F434C }
```

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