

# Converting Colors

Decimal(6435380)

Have a look what the booklet for  
Decimal(6435380) contains.

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# Color

**Decimal(6435380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	623234
RGB	98, 50, 52
RGB Percent	38%, 20%, 20%
CMY	0.6157, 0.8039, 0.7961
CMYK	0.00, 0.49, 0.47, 0.62
HSL	358°, 32%, 29%
HSV	358°, 49%, 38%
XYZ	6.7974, 5.1258, 3.8799
YIQ	64.5800, 27.9660, 10.7980

# Conversions

## Conversions Part 2

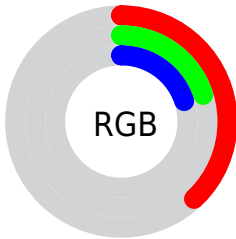
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 50, 52
Decimal	6435380
CIELab	27.09, 21.81, 8.48
CIElCh	27, 23.399, 21.247
Yxy	5.1258, 0.4301, 0.3244
Android (android.graphics.Color)	4284625460 (0xFF623234)
YUV	64.5800, -6.2019, 29.3093
Hunter-Lab	22.6402, 13.9719, 5.6875

# Details

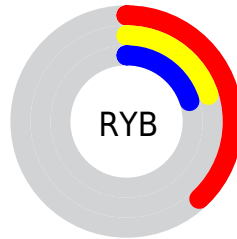
The Decimal color **6435380** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3301984**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **9920866**, and **3212806** is the 20% darker color. If you saturate the color by 10%, you get **6432811**, and if you desaturate by 10%, it is **6437949**.

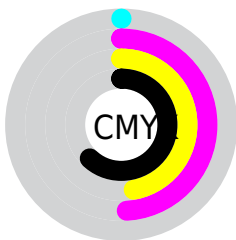
# Distribution



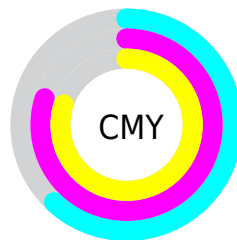
- Red (38%)
- Green (20%)
- Blue (20%)



- Red (38%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (47%)
- Black (62%)



- Cyan (62%)
- Magenta (80%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6435380 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 6435380 by changing the saturation by 10% instead.



6435380

6435380

16777215

4791327

9920866

3212806

11697019

1376256

13538709

0

15446192

16763851

16771047

6435380

6435380

6432811

6437949

6430241

6440519

6427928

6442832

6425358

6445402

6422789

6447971

6422532

6450540

6453110

6455423

6457993

# Harmonies

## Analogous

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



6238790



6435380



6043429

# Triad

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



6435380



2705193



1393507

# Complementary

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



6435380



3301984

# 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.



18267



6435380



674106

# Square

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



6435380



4080414



18764



3751265

# Rectangle

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



6435380



5520158



18764



17762



# Sweetspot

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



6435380



8416365



6304354



4207669



12566463



4210752



# Same Dimension

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



6435380



8401975



6441010



3157036



7340037



15728650



# Inverse Universe

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



6435380



8401975



3296354



3157036



7340037

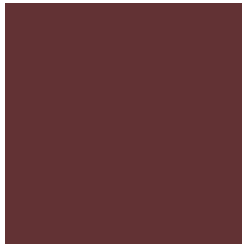


15728650



# Previews

## White Background



This preview shows how the Decimal color 6435380 looks on a white background.

## Color Contrast Check

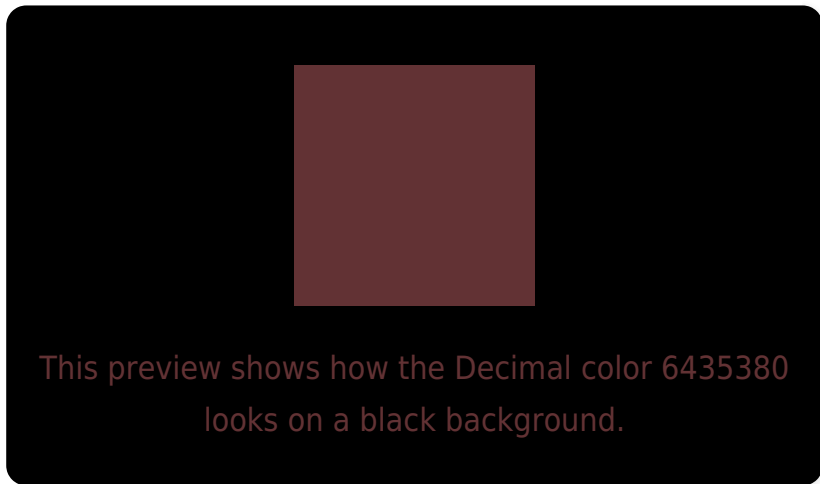
Large Text (above 18pt) WCAG AA ✓ Pass

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

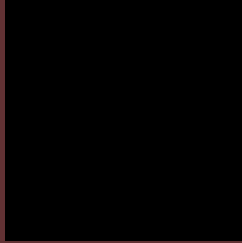
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6435380 Background



This preview shows how black text looks on a background with the Decimal color 6435380.



This preview shows how white text looks on a background with the Decimal color 6435380.

# 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**  
6435380

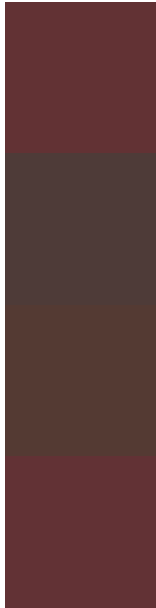
**Protanopia**  
4407355

**Deuteranopia**  
4996658



**Tritanopia**  
6435381

# Trichromacy



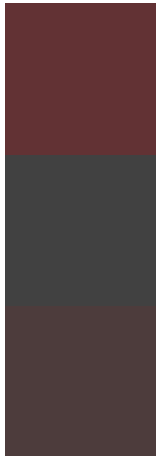
**Original Color**  
6435380

**Protanomaly**  
5126968

**Deuteranomaly**  
5519923

**Tritanomaly**  
6435381

# Monochromacy



**Original Color**  
6435380

**Achromatopsia**  
4276545

**Achromatomaly**  
5061692

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6435380 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 #623234 looks like.

```
.text, #text, p{  
  color:#623234  
}
```

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 #623234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623234
}
```

## Border

The CSS property to change the border of an element to Decimal 6435380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

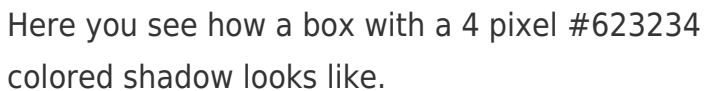
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623234 }
```

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

```
.border{ border-color:#623234 }
```

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



Here you see how a box with a 4 pixel #623234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623234; -webkit-box-shadow:4px 4px  
4px 4px #623234; box-shadow:4px 4px 4px  
4px #623234 }
```

# Background

The CSS property to change the background color of an element to Decimal 6435380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623234 }
```

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

```
.background{ background-color:#623234 }
```

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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