

# Converting Colors

Decimal(6828358)

Have a look what the booklet for  
Decimal(6828358) contains.

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# Color

**Decimal(6828358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	683146
RGB	104, 49, 70
RGB Percent	41%, 19%, 27%
CMY	0.5922, 0.8078, 0.7255
CMYK	0.00, 0.53, 0.33, 0.59
HSL	337°, 36%, 30%
HSV	337°, 53%, 41%
XYZ	7.9127, 5.5819, 6.4547
YIQ	67.8390, 26.0390, 18.1910

# Conversions

## Conversions Part 2

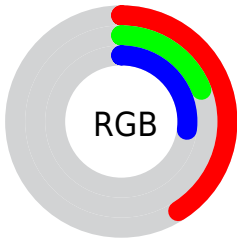
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 49, 70
Decimal	6828358
CIE <sub>Lab</sub>	28.33, 27.24, -1.55
CIE <sub>LCh</sub>	28, 27.280, 356.745
Yxy	5.5819, 0.3966, 0.2798
Android (android.graphics.Color)	4285018438 (0xFF683146)
YUV	67.8390, 1.0654, 31.7132
Hunter-Lab	23.6260, 18.4370, 0.3399

# Details

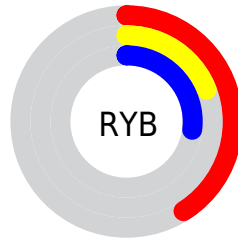
The Decimal color **6828358** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3237971**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **10314102**, and **3539739** is the 20% darker color. If you saturate the color by 10%, you get **6825792**, and if you desaturate by 10%, it is **6830924**.

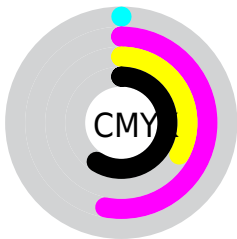
# Distribution



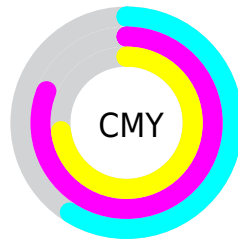
- Red (41%)
- Green (19%)
- Blue (27%)



- Red (41%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (53%)
- Yellow (33%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6828358 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 6828358 by changing the saturation by 10% instead.



6828358

6828358

16777215

5184048

10314102

3539739

12155792

2228225

13997482

0

15904966

16763873

16771326

6828358

6828358

6825792

6830924

6822969

6833747

6820403

6836313

6817580

6839136

6815784

6841702

6844269

6847091

6849657

6852480

# Harmonies

## Analogous

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



5977690



6828358



6959921

# Triad

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



6828358



3950364



19302

# Complementary

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



6828358



3237971

# 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.



19797



6828358



2247467

# Square

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



6828358



5325079



19776



1263213

# Rectangle

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



6828358



6633253



19776



19553



# Sweetspot

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



6828358



8876666



5452136



4536381



12895428



4539717



# Same Dimension

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



6828358



8860243



6829873



3354160



7536684



15859804



# Inverse Universe

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



6828358



8860243



3236456



3354160



7536684

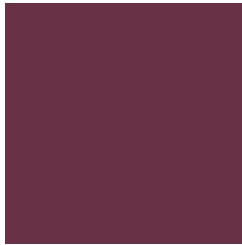


15859804



# Previews

## White Background



This preview shows how the Decimal color 6828358 looks on a white background.

## Color Contrast Check

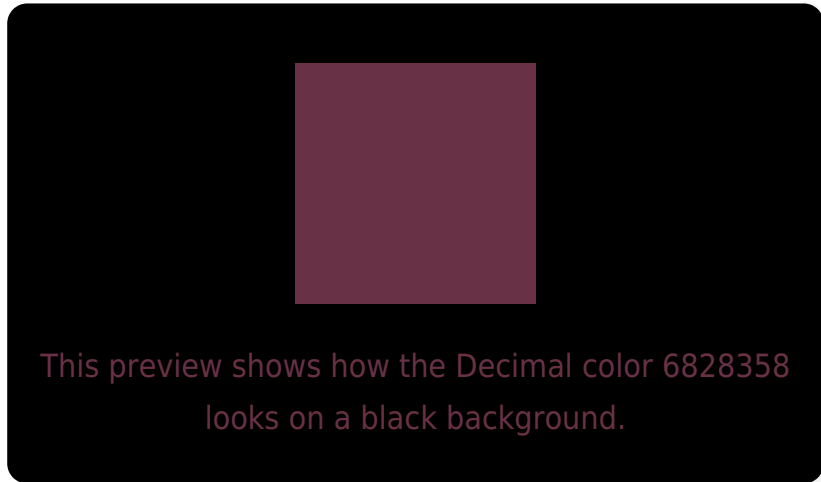
Large Text (above 18pt) WCAG AA ✓ Pass

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

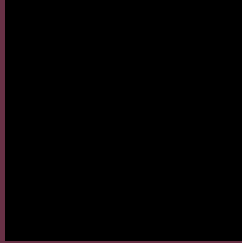
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6828358 Background



This preview shows how black text looks on a background with the Decimal color 6828358.



This preview shows how white text looks on a background with the Decimal color 6828358.

# 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**  
6828358

**Protanopia**  
4211537

**Deuteranopia**  
4866371



# Trichromacy



**Original Color**  
6828358

**Protanomaly**  
5192781

**Deuteranomaly**  
5585732

**Tritanomaly**  
6763324

# Monochromacy



**Original Color**  
6828358

**Achromatopsia**  
4473924

**Achromatomaly**  
5324101

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6828358 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 #683146 looks like.

```
.text, #text, p{  
    color:#683146  
}
```

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 #683146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683146
}
```

## Border

The CSS property to change the border of an element to Decimal 6828358 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".

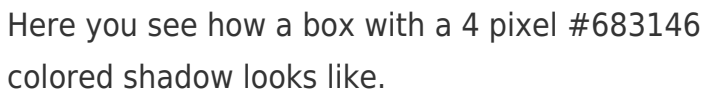
```
.border, #border, table{ border:4px solid
#683146 }
```

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

```
.border{ border-color:#683146 }
```

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

Here you see how a box with a 4 pixel #683146 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 #683146; -webkit-box-shadow:4px 4px  
4px 4px #683146; box-shadow:4px 4px 4px  
4px #683146 }
```

# Background

The CSS property to change the background color of an element to Decimal 6828358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683146 }
```

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

```
.background{ background-color:#683146 }
```

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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