

Converting Colors

Decimal(6828338)

Have a look what the booklet for
Decimal(6828338) contains.

Decimal(6828338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6828338)

Conversions

Conversions Part 1

Format	Color
Hex	683132
RGB	104, 49, 50
RGB Percent	41%, 19%, 20%
CMY	0.5922, 0.8078, 0.8039
CMYK	0.00, 0.53, 0.52, 0.59
HSL	359°, 36%, 30%
HSV	359°, 53%, 41%
XYZ	7.3830, 5.3700, 3.6650
YIQ	65.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

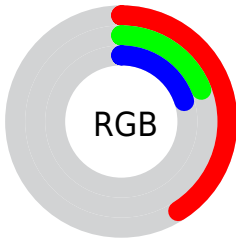
Format	Color
R_{YB}	104, 49, 50
Decimal	6828338
CIE _{Lab}	27.76, 24.70, 10.88
CIE _{LCh}	28, 26.990, 23.771
Yxy	5.3700, 0.4497, 0.3271
Android (android.graphics.Color)	4285018418 (0xFF683132)
YUV	65.5590, -7.6706, 33.7128
Hunter-Lab	23.1732, 16.3168, 6.8441

Details

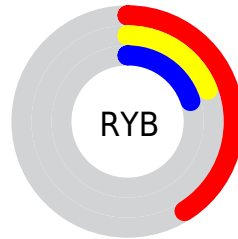
The Decimal color **6828338** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3237991**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **10379616**, and **3539715** is the 20% darker color. If you saturate the color by 10%, you get **6825768**, and if you desaturate by 10%, it is **6830908**.

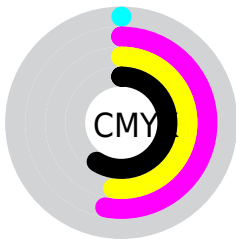
Distribution



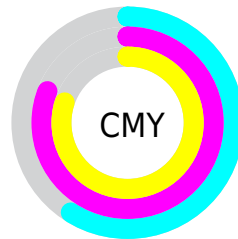
- Red (41%)
- Green (19%)
- Blue (20%)



- Red (41%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (52%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6828338 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 6828338 by changing the saturation by 10% instead.



6828338



6828338

16777215



5118493



10379616



3539715



12221049



1835009



14062739



0



15970221



16763849



16771045



6828338



6828338



6825768



6830908

■ 6822942

■ 6833734

■ 6820371

■ 6836305

■ 6817545

■ 6839131

■ 6815746

■ 6841701

■ 6844271

■ 6847097

■ 6849668

■ 6852494

Harmonies

Analogous

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



6631495



6828338



6305569

Triad

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



6828338



2378280



607595

Complementary

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



6828338



3237991

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.



19042



6828338



19516

Square

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



6828338



4015386



19538



3948135

Rectangle

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



6828338



5717017



19538



18281

Sweetspot

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



6828338



8876658



6697320



4536376



12895428



4539717

Same Dimension

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



6828338



8860212



6834993



3354158



7536642



15859716

Inverse Universe

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



6828338



8860212



3231336



3354158



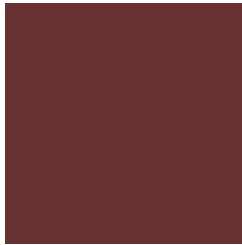
7536642



15859716

Previews

White Background



This preview shows how the Decimal color 6828338 looks on a white background.

Color Contrast Check

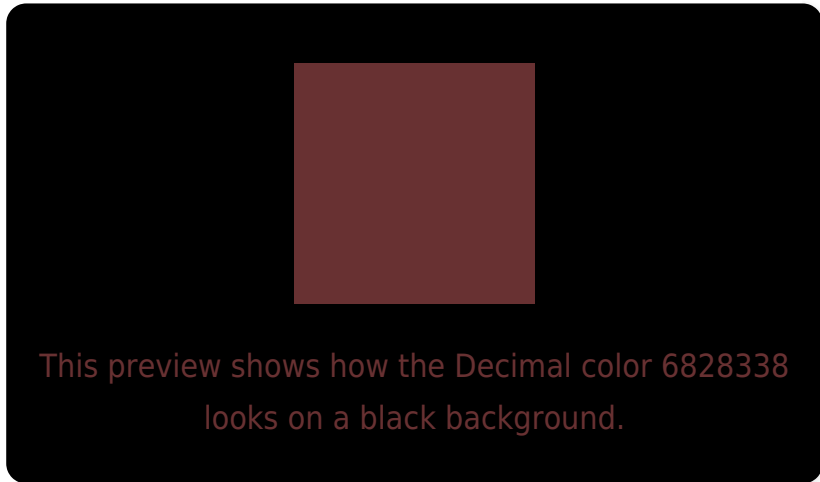
Large Text (above 18pt) WCAG AA ✓ Pass

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

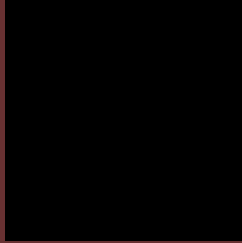
Any Text WCAG AA × Fail

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 6828338 Background



This preview shows how black text looks on a background with the Decimal color 6828338.



This preview shows how white text looks on a background with the Decimal color 6828338.

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
6828338

Protanopia
4538938

Deuteranopia
5193520



Tritanopia
6828340

Trichromacy



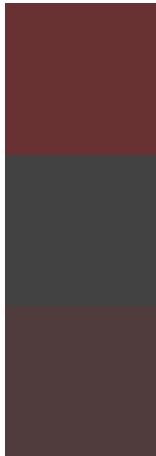
Original Color
6828338

Protanomaly
5389367

Deuteranomaly
5782065

Tritanomaly
6828339

Monochromacy



Original Color
6828338

Achromatopsia
4342338

Achromatomaly
5258300

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6828338 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 #683132 looks like.

```
.text, #text, p{  
    color:#683132  
}
```

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 #683132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683132
}
```

Border

The CSS property to change the border of an element to Decimal 6828338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

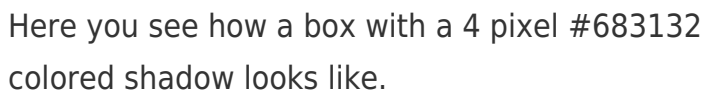
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683132 }
```

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

```
.border{ border-color:#683132 }
```

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



Here you see how a box with a 4 pixel #683132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683132; -webkit-box-shadow:4px 4px  
4px 4px #683132; box-shadow:4px 4px 4px  
4px #683132 }
```

Background

The CSS property to change the background color of an element to Decimal 6828338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683132 }
```

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

```
.background{ background-color:#683132 }
```

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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