

Converting Colors

Decimal(4731713)

Have a look what the booklet for
Decimal(4731713) contains.

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Color

Decimal(4731713)

Conversions

Conversions Part 1

Format	Color
Hex	483341
RGB	72, 51, 65
RGB Percent	28%, 20%, 25%
CMY	0.7176, 0.8000, 0.7451
CMYK	0.00, 0.29, 0.10, 0.72
HSL	320°, 17%, 24%
HSV	320°, 29%, 28%
XYZ	4.8104, 4.1270, 5.5441
YIQ	58.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

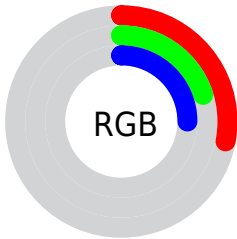
Format	Color
R_{YB}	72, 51, 65
Decimal	4731713
CIE _{Lab}	24.09, 12.16, -5.01
CIE _{LCh}	24, 13.153, 337.596
Yxy	4.1270, 0.3322, 0.2850
Android (android.graphics.Color)	4282921793 (0xFF483341)
YUV	58.8750, 3.0196, 11.5106
Hunter-Lab	20.3151, 6.7160, -1.9600

Details

The Decimal color **4731713** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3360826**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **7955057**, and **1902103** is the 20% darker color. If you saturate the color by 10%, you get **4729919**, and if you desaturate by 10%, it is **4733507**.

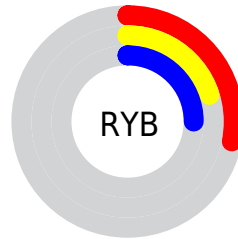
Distribution



 Red (28%)

 Green (20%)

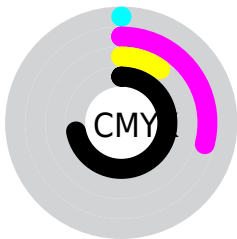
 Blue (25%)



 Red (28%)

 Yellow (20%)

 Blue (25%)

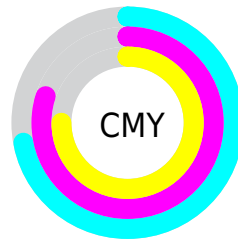


 Cyan (0%)

 Magenta (29%)

 Yellow (10%)

 Black (72%)



 Cyan (72%)

 Magenta (80%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4731713 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 4731713 by changing the saturation by 10% instead.

■ 4731713

■ 4731713

16777215

■ 3218987

■ 7955057

■ 1902103

■ 9665418

■ 0

■ 11375780

■ 13217728

■ 15059675

■ 16771064

■ 4731713

■ 4731713

■ 4729919

■ 4733507

■ 4728124

■ 4735302

■ 4726074

■ 4737352

■ 4724279

■ 4739147

■ 4722485

■ 4740941

■ 4720691

■ 4742735

■ 4718896

■ 4744530

■ 4718640

■ 4746580

■ 4748375

Harmonies

Analogous

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



4077129



4731713



5059127

Triad

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



4731713



4077862



1785413

Complementary

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



4731713



3360826

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.



1982268



4731713



3357737

Square

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



4731713



4666919



2637361



2309195

Rectangle

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



4731713



5059377



2637361



1785666

Sweetspot

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



4731713



6182492



3814216



3156783



11579568



3158064

Same Dimension

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



4731713



6176083



4731703



2367523



6488130



14876823

Inverse Universe

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



4731713



6176083



3360837



2367523



6488130



14876823

Previews

White Background



This preview shows how the Decimal color 4731713 looks on a white background.

Color Contrast Check

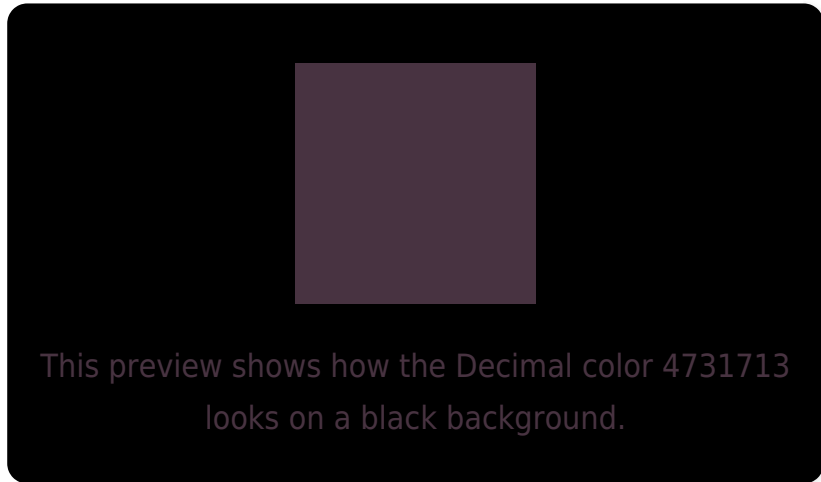
Large Text (above 18pt) WCAG AA ✓ Pass

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

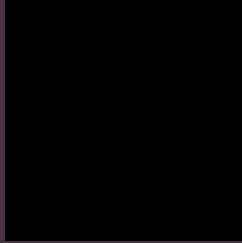
Any Text WCAG AA × Fail

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 4731713 Background



This preview shows how black text looks on a background with the Decimal color 4731713.



This preview shows how white text looks on a background with the Decimal color 4731713.

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](#).

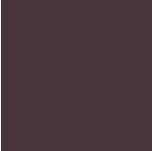
Dichromacy



Original Color
4731713

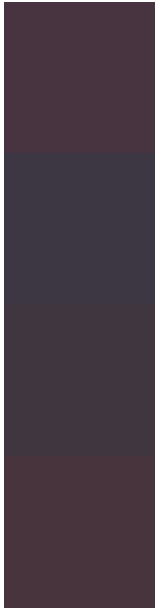
Protanopia
3619141

Deuteranopia
3946560



Tritanopia
4666681

Trichromacy



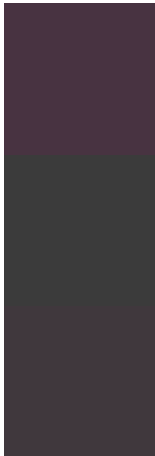
Original Color
4731713

Protanomaly
4011844

Deuteranomaly
4208192

Tritanomaly
4666428

Monochromacy



Original Color
4731713

Achromatopsia
3881787

Achromatomaly
4208701

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4731713 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 #483341 looks like.

```
.text, #text, p{  
    color:#483341  
}
```

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 #483341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #483341
}
```

Border

The CSS property to change the border of an element to Decimal 4731713 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".

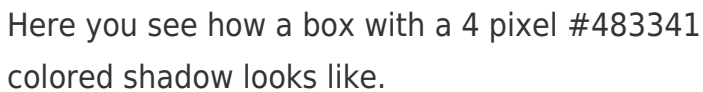
```
.border, #border, table{ border:4px solid
#483341 }
```

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

```
.border{ border-color:#483341 }
```

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

Here you see how a box with a 4 pixel #483341 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #483341; -webkit-box-shadow:4px 4px  
4px 4px #483341; box-shadow:4px 4px 4px  
4px #483341 }
```

Background

The CSS property to change the background color of an element to Decimal 4731713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#483341 }
```

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

```
.background{ background-color:#483341 }
```

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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