

Converting Colors

Decimal(4333073)

Have a look what the booklet for
Decimal(4333073) contains.

Decimal(4333073)	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(4333073)

Conversions

Conversions Part 1

Format	Color
Hex	421E11
RGB	66, 30, 17
RGB Percent	26%, 12%, 7%
CMY	0.7412, 0.8824, 0.9333
CMYK	0.00, 0.55, 0.74, 0.74
HSL	16°, 59%, 16%
HSV	16°, 74%, 26%
XYZ	2.8122, 2.1273, 0.7927
YIQ	39.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

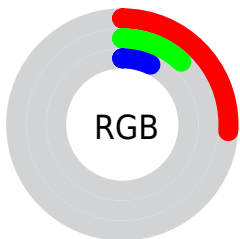
Format	Color
RYB	66, 35, 17
Decimal	4333073
CIELab	16.14, 16.11, 16.49
CIElCh	16, 23.052, 45.678
Yxy	2.1273, 0.4906, 0.3711
Android (android.graphics.Color)	4282523153 (0xFF421E11)
YUV	39.2820, -10.9850, 23.4317
Hunter-Lab	14.5852, 8.8932, 6.9872

Details

The Decimal color **4333073** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1127746**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **7686971**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4331786**, and if you desaturate by 10%, it is **4334360**.

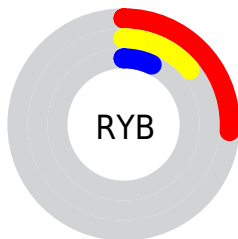
Distribution



Red (26%)

Green (12%)

Blue (7%)



Red (26%)

Yellow (14%)

Blue (7%)

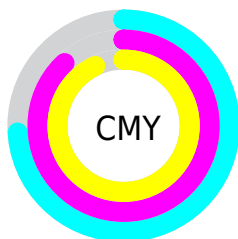


Cyan (0%)

Magenta (55%)

Yellow (74%)

Black (74%)



Cyan (74%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4333073 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 4333073 by changing the saturation by 10% instead.

 4333073

 4333073

 16777201

 2820096

 7686971

 0

 9462611

 11238507

 13080196

 14987422

 16764089

 16771285

 4333073

 4333073

■ 4331786

■ 4334360

■ 4330500

■ 4335646

■ 4329984

■ 4336933

■ 4337963

■ 4339250

■ 4340537

■ 4341823

■ 4343110

■ 4344396

Harmonies

Analogous

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



4593952



4333073



3679235

Triad

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



4333073



12319



1713992

Complementary

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



4333073



1127746

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.



11336



4333073



12336

Square

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



4333073



1453584



12095



3416127

Rectangle

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



4333073



3090433



12095



731465

Sweetspot

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



4333073



5720388



4329782



2827040



11250603



2829099

Same Dimension

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



4333073



5709322



4339217



2170654



6363648



14695424

Inverse Universe

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



1127746



672343



1121602



1974305



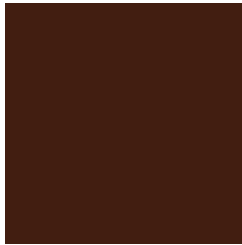
18273



42464

Previews

White Background



This preview shows how the Decimal color 4333073 looks on a white background.

Color Contrast Check

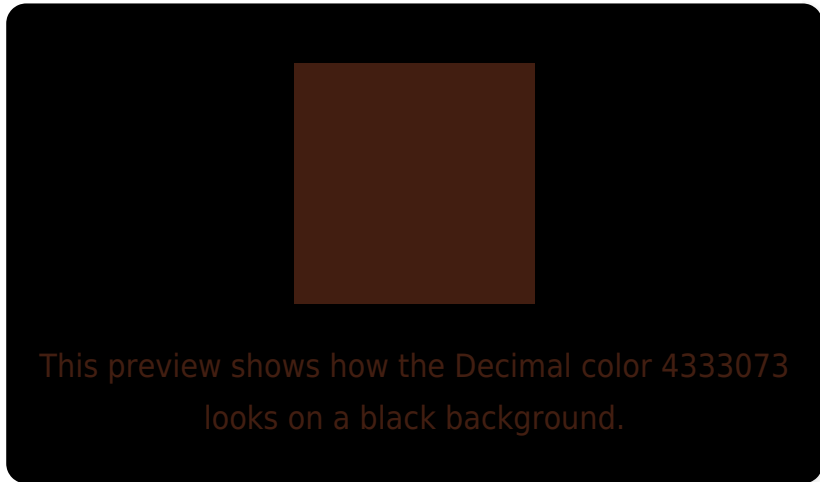
Large Text (above 18pt) WCAG AA ✓ Pass

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

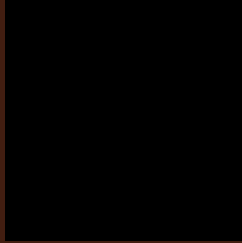
Any Text WCAG AA × Fail

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 4333073 Background



This preview shows how black text looks on a background with the Decimal color 4333073.

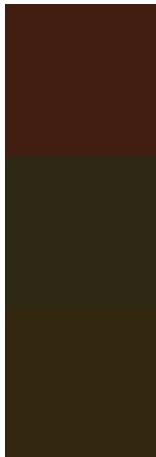


This preview shows how white text looks on a background with the Decimal color 4333073.

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
4333073

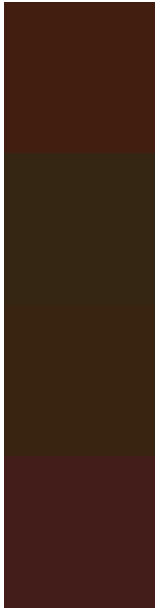
Protanopia
2959636

Deuteranopia
3352335



Tritanopia
4398110

Trichromacy



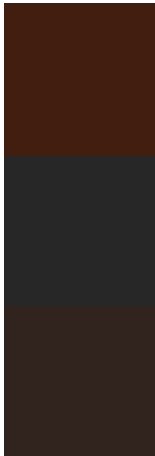
Original Color
4333073

Protanomaly
3482899

Deuteranomaly
3679248

Tritanomaly
4398361

Monochromacy



Original Color
4333073

Achromatopsia
2565927

Achromatomaly
3220511

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4333073 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 #421E11 looks like.

```
.text, #text, p{  
    color:#421E11  
}
```

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 #421E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421E11
}
```

Border

The CSS property to change the border of an element to Decimal 4333073 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".

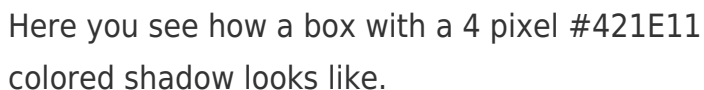
```
.border, #border, table{ border:4px solid
#421E11 }
```

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

```
.border{ border-color:#421E11 }
```

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

Here you see how a box with a 4 pixel #421E11 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421E11; -webkit-box-shadow:4px 4px  
4px 4px #421E11; box-shadow:4px 4px 4px  
4px #421E11 }
```

Background

The CSS property to change the background color of an element to Decimal 4333073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421E11 }
```

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

```
.background{ background-color:#421E11 }
```

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