

Converting Colors

Decimal(4406272)

Have a look what the booklet for
Decimal(4406272) contains.

| | |
|--|----|
| Decimal(4406272) | 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(4406272)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 433C00 |
| RGB | 67, 60, 0 |
| RGB Percent | 26%, 24%, 0% |
| CMY | 0.7373, 0.7647, 1.0000 |
| CMYK | 0.00, 0.10, 1.00, 0.74 |
| HSL | 54°, 100%, 13% |
| HSV | 54°, 100%, 26% |
| XYZ | 3.9306, 4.4250, 0.6469 |
| YIQ | 55.2530, 23.4320, -17.1760 |

Conversions

Conversions Part 2

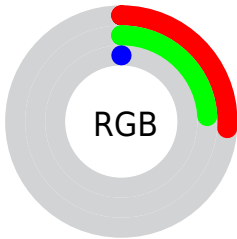
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 8, 67, 0 |
| Decimal | 4406272 |
| CIE Lab | 25.03, -3.95, 33.90 |
| CIE LCh | 25, 34.130, 96.638 |
| Yxy | 4.4250, 0.4366, 0.4915 |
| Android (android.graphics.Color) | 4282596352 (0xFF433C00) |
| YUV | 55.2530, -27.2397, 10.3021 |
| Hunter-Lab | 21.0357, -3.4591, 12.9015 |

Details

The Decimal color **4406272** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1859**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **7760688**, and **1118720** is the 20% darker color. If you saturate the color by 10%, you get **4406272**, and if you desaturate by 10%, it is **4406535**.

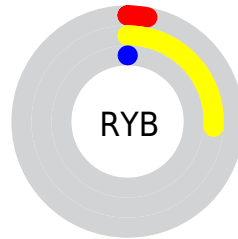
Distribution



Red (26%)

Green (24%)

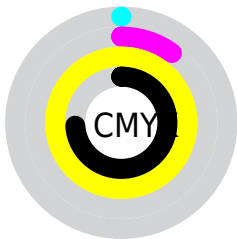
Blue (0%)



Red (3%)

Yellow (26%)

Blue (0%)

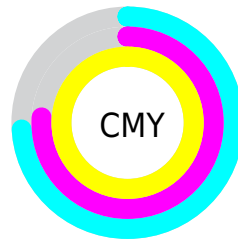


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4406272 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 4406272 by changing the saturation by 10% instead.



4406272



4406272



16777191



2827776



7760688



1118720



9471048



0



11312737



13154682



14996884



16773551



16777163



4406272

■ 4406535

■ 4406541

■ 4406804

■ 4407067

■ 4407330

■ 4407336

■ 4407599

■ 4407862

■ 4407868

Harmonies

Analogous

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



5780233



4406272



2638350

Triad

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



4406272



18266



6235984

Complementary

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



4406272



1859

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.



4403813



4406272



17259

Square

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



4406272



18241



15727



6890039

Rectangle

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



4406272



673053



15727



5778008

Sweetspot

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



4406272



5723197



4390920



2828828



11250603



2829099

Same Dimension

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



4406272



5721600



2704128



2171166



6379264



14731520

Inverse Universe

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



1859



2391



1704003



1973793



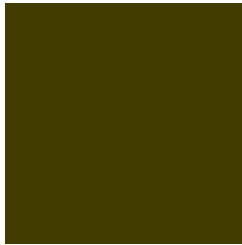
2657



6112

Previews

White Background



This preview shows how the Decimal color 4406272 looks on a white background.

Color Contrast Check

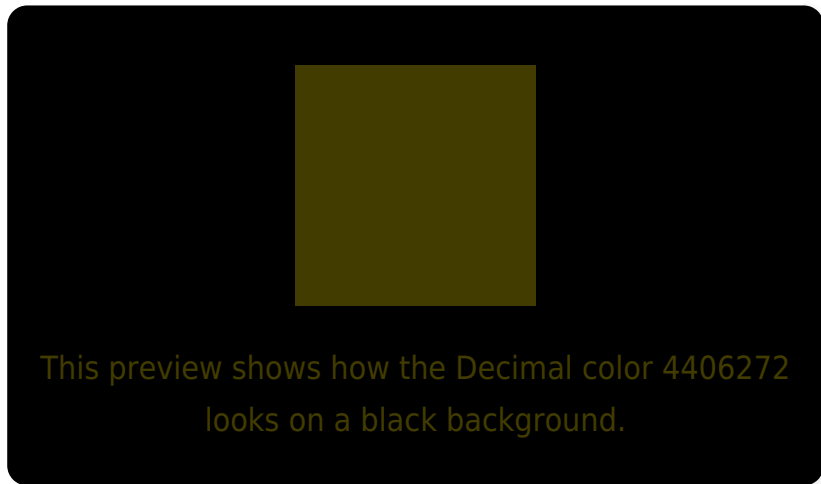
Large Text (above 18pt) WCAG AA ✓ Pass

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

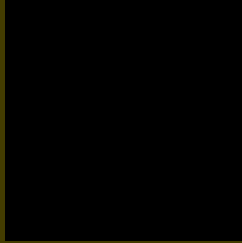
Any Text WCAG AA × Fail

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 4406272 Background



This preview shows how black text looks on a background with the Decimal color 4406272.



This preview shows how white text looks on a background with the Decimal color 4406272.

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
4406272

Protanopia
4406272

Deuteranopia
4929800



Tritanopia
4667452

Trichromacy



Original Color

4406272

Protanomaly

4406272

Deuteranomaly

4733445

Tritanomaly

4602150

Monochromacy



Original Color

4406272

Achromatopsia

3618615

Achromatomaly

3881251

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4406272 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 #433C00 looks like.

```
.text, #text, p{  
    color:#433C00  
}
```

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 #433C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433C00  
}
```

Border

The CSS property to change the border of an element to Decimal 4406272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

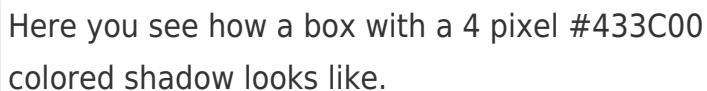
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#433C00 }
```

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

```
.border{ border-color:#433C00 }
```

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



Here you see how a box with a 4 pixel #433C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433C00; -webkit-box-shadow:4px 4px  
4px 4px #433C00; box-shadow:4px 4px 4px  
4px #433C00 }
```

Background

The CSS property to change the background color of an element to Decimal 4406272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433C00 }
```

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

```
.background{ background-color:#433C00 }
```

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