

Converting Colors

Decimal(4006433)

Have a look what the booklet for
Decimal(4006433) contains.

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Color

Decimal(4006433)

Conversions

Conversions Part 1

Format	Color
Hex	3D2221
RGB	61, 34, 33
RGB Percent	24%, 13%, 13%
CMY	0.7608, 0.8667, 0.8706
CMYK	0.00, 0.44, 0.46, 0.76
HSL	2°, 30%, 18%
HSV	2°, 46%, 24%
XYZ	2.7710, 2.2460, 1.7263
YIQ	41.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

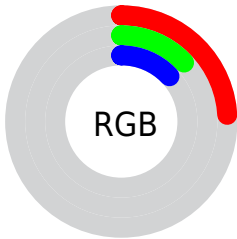
Format	Color
RYB	61, 34, 33
Decimal	4006433
CIELab	16.73, 12.82, 6.18
CIElCh	17, 14.231, 25.759
Yxy	2.2460, 0.4109, 0.3331
Android (android.graphics.Color)	4282196513 (0xFF3D2221)
YUV	41.9590, -4.4168, 16.6990
Hunter-Lab	14.9865, 6.7782, 3.6609

Details

The Decimal color **4006433** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2178109**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **7229261**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4004891**, and if you desaturate by 10%, it is **4007975**.

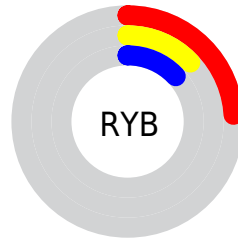
Distribution



Red (24%)

Green (13%)

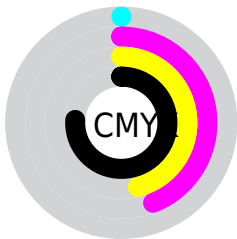
Blue (13%)



Red (24%)

Yellow (13%)

Blue (13%)

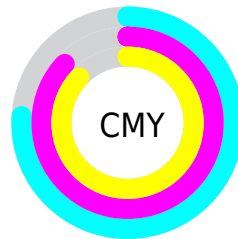


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4006433 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 4006433 by changing the saturation by 10% instead.



4006433



4006433

16777215



2559242



7229261



0



8939365



10649726



12491416



14333362



16175566



16772586



4006433



4006433

■ 4004891

■ 4007975

■ 4003349

■ 4009517

■ 4001807

■ 4011059

■ 4000265

■ 4012601

■ 3998979

■ 4013888

■ 3998208

■ 4015430

■ 4016972

■ 4018514

■ 4020056

Harmonies

Analogous

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



3940907



4006433



3745049

Triad

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



4006433



1781278



1583933

Complementary

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



4006433



2178109

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.



470330



4006433



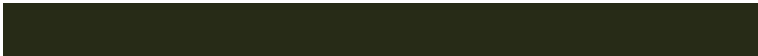
929575

Square

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



4006433



2566935



208690



2631484

Rectangle

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



4006433



3417878



208690



1190973

Sweetspot

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



4006433



5194820



4006204



2695714



11053224



2697513

Same Dimension

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



4006433



5186852



4010017



2038812



6161152



14551040

Inverse Universe

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



2178109



2379087



2174525



1842719



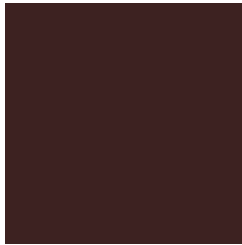
23390



55006

Previews

White Background



This preview shows how the Decimal color 4006433 looks on a white background.

Color Contrast Check

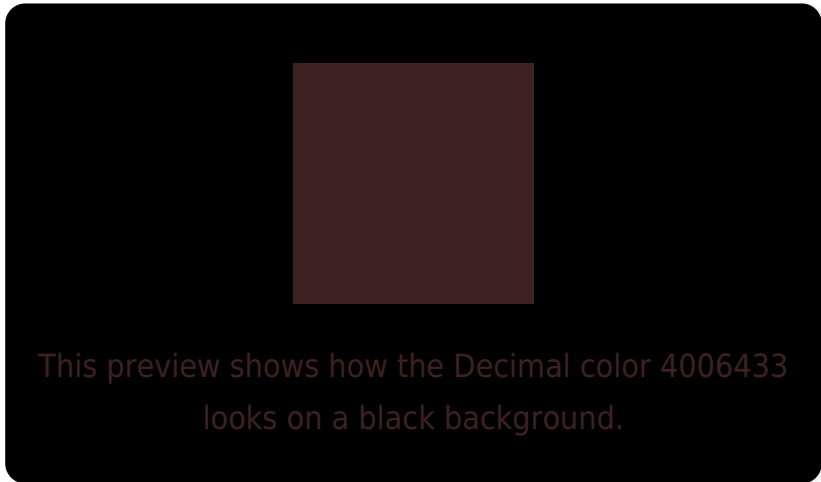
Large Text (above 18pt) WCAG AA ✓ Pass

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

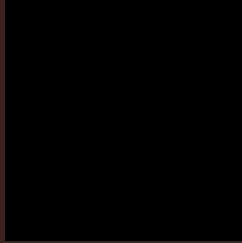
Any Text WCAG AA × Fail

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 4006433 Background



This preview shows how black text looks on a background with the Decimal color 4006433.

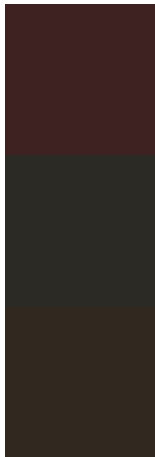


This preview shows how white text looks on a background with the Decimal color 4006433.

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](#).

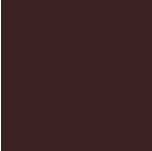
Dichromacy



Original Color
4006433

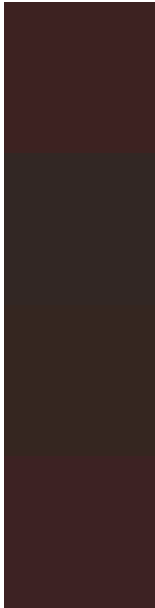
Protanopia
2894373

Deuteranopia
3221536



Tritanopia
4006436

Trichromacy



Original Color

4006433

Protanomaly

3286820

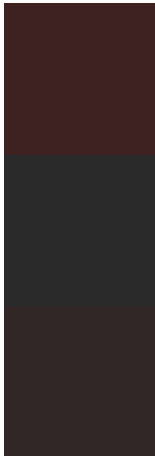
Deuteranomaly

3483168

Tritanomaly

4006435

Monochromacy



Original Color

4006433

Achromatopsia

2763306

Achromatomaly

3221287

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4006433 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 #3D2221 looks like.

```
.text, #text, p{  
    color:#3D2221  
}
```

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 #3D2221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2221
}
```

Border

The CSS property to change the border of an element to Decimal 4006433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

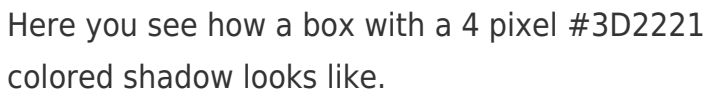
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2221 }
```

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

```
.border{ border-color:#3D2221 }
```

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



Here you see how a box with a 4 pixel #3D2221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2221; -webkit-box-shadow:4px 4px  
4px 4px #3D2221; box-shadow:4px 4px 4px  
4px #3D2221 }
```

Background

The CSS property to change the background color of an element to Decimal 4006433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2221 }
```

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

```
.background{ background-color:#3D2221 }
```

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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