

Converting Colors

Decimal(4006940)

Have a look what the booklet for
Decimal(4006940) contains.

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Color

Decimal(4006940)

Conversions

Conversions Part 1

Format	Color
Hex	3D241C
RGB	61, 36, 28
RGB Percent	24%, 14%, 11%
CMY	0.7608, 0.8588, 0.8902
CMYK	0.00, 0.41, 0.54, 0.76
HSL	15°, 37%, 17%
HSV	15°, 54%, 24%
XYZ	2.7649, 2.3377, 1.4041
YIQ	42.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

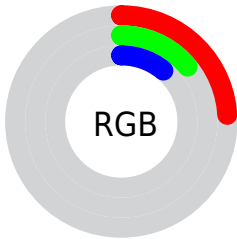
Format	Color
RYB	61, 39, 28
Decimal	4006940
CIELab	17.17, 10.81, 10.29
CIElCh	17, 14.921, 43.579
Yxy	2.3377, 0.4249, 0.3593
Android (android.graphics.Color)	4282197020 (0xFF3D241C)
YUV	42.5630, -7.1796, 16.1692
Hunter-Lab	15.2895, 5.5232, 5.2578

Details

The Decimal color **4006940** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1848637**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **7229767**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4005654**, and if you desaturate by 10%, it is **4008226**.

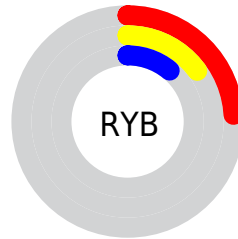
Distribution



Red (24%)

Green (14%)

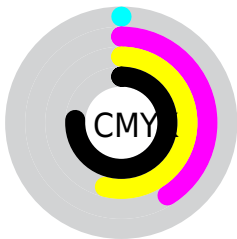
Blue (11%)



Red (24%)

Yellow (15%)

Blue (11%)

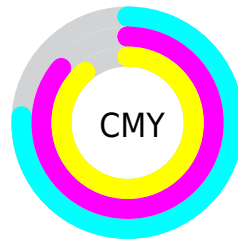


Cyan (0%)

Magenta (41%)

Yellow (54%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4006940 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 4006940 by changing the saturation by 10% instead.



4006940



4006940

16777215



2559746



7229767



0



8939871



10715768



12491922



14333868



16241607



16773091



4006940



4006940

■ 4005654

■ 4008226

■ 4004624

■ 4009256

■ 4003338

■ 4010542

■ 4002308

■ 4011572

■ 4001536

■ 4012859

■ 4014145

■ 4015175

■ 4016461

■ 4017747

Harmonies

Analogous

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



4137510



4006940



3549206

Triad

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



4006940



1257508



2304575

Complementary

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



4006940



1848637

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.



1060159



4006940



274479

Square

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



4006940



2174490



12089



3286586

Rectangle

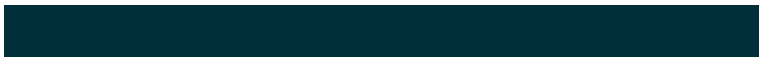
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4006940



3156501



12089



1911615

Sweetspot

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



4006940



5195074



4004917



2695969



11053224



2697513

Same Dimension

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



4006940



5187612



4011036



2038812



6166272



14562816

Inverse Universe

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



1848637



1852239



1844541



1842719



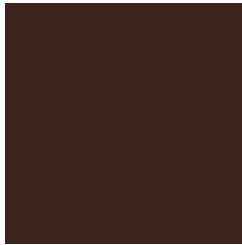
18270



43230

Previews

White Background



This preview shows how the Decimal color 4006940 looks on a white background.

Color Contrast Check

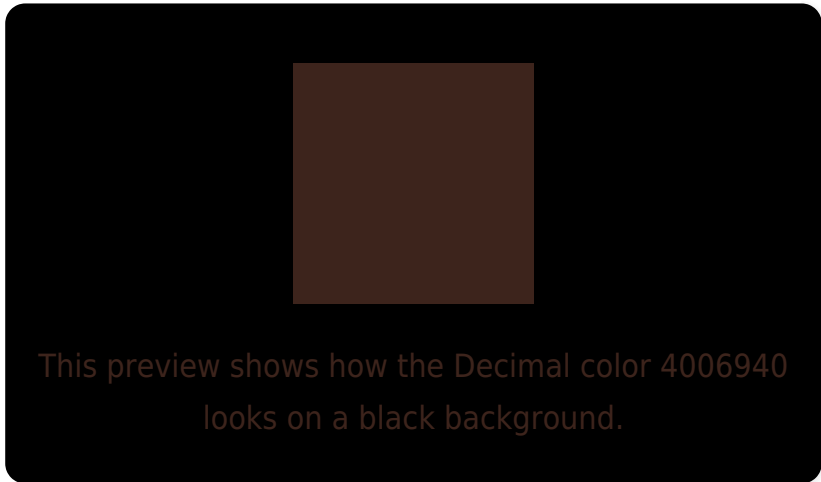
Large Text (above 18pt) WCAG AA ✓ Pass

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

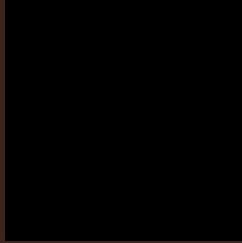
Any Text WCAG AA × Fail

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 4006940 Background



This preview shows how black text looks on a background with the Decimal color 4006940.

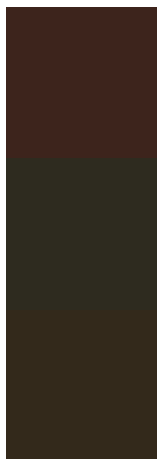


This preview shows how white text looks on a background with the Decimal color 4006940.

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

4006940

Protanopia

3025695

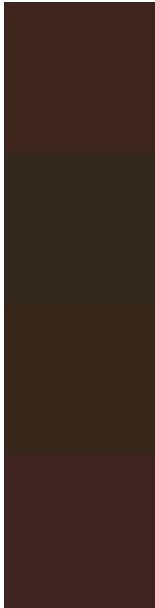
Deuteranopia

3352859



Tritanopia
4072229

Trichromacy



Original Color

4006940

Protanomaly

3352606

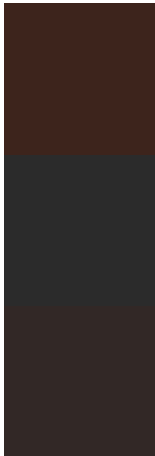
Deuteranomaly

3614491

Tritanomaly

4072226

Monochromacy



Original Color

4006940

Achromatopsia

2829099

Achromatomaly

3287078

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4006940 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 #3D241C looks like.

```
.text, #text, p{  
    color:#3D241C  
}
```

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 #3D241C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D241C
}
```

Border

The CSS property to change the border of an element to Decimal 4006940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

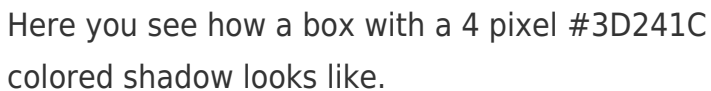
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D241C }
```

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

```
.border{ border-color:#3D241C }
```

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



Here you see how a box with a 4 pixel #3D241C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D241C; -webkit-box-shadow:4px 4px  
4px 4px #3D241C; box-shadow:4px 4px 4px  
4px #3D241C }
```

Background

The CSS property to change the background color of an element to Decimal 4006940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D241C }
```

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

```
.background{ background-color:#3D241C }
```

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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