

Converting Colors

Decimal(4006446)

Have a look what the booklet for
Decimal(4006446) contains.

Decimal(4006446)	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(4006446)

Conversions

Conversions Part 1

Format	Color
Hex	3D222E
RGB	61, 34, 46
RGB Percent	24%, 13%, 18%
CMY	0.7608, 0.8667, 0.8196
CMYK	0.00, 0.44, 0.25, 0.76
HSL	333°, 28%, 19%
HSV	333°, 44%, 24%
XYZ	2.9896, 2.3334, 2.8776
YIQ	43.4410, 12.2400, 9.4560

Conversions

Conversions Part 2

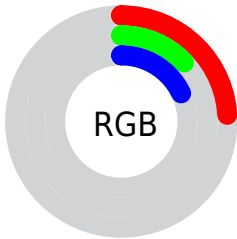
Format	Color
RYB	61, 34, 46
Decimal	4006446
CIELab	17.15, 14.95, -2.42
CIELCh	17, 15.149, 350.800
Yxy	2.3334, 0.3646, 0.2845
Android (android.graphics.Color)	4282196526 (0xFF3D222E)
YUV	43.4410, 1.2616, 15.3992
Hunter-Lab	15.2755, 8.2029, -0.4762

Details

The Decimal color **4006446** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2243889**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **7163740**, and **458752** is the 20% darker color. If you saturate the color by 10%, you get **4004907**, and if you desaturate by 10%, it is **4007985**.

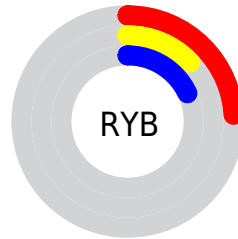
Distribution



Red (24%)

Green (13%)

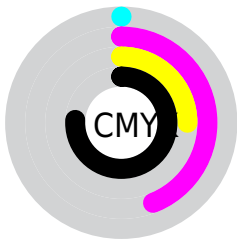
Blue (18%)



Red (24%)

Yellow (13%)

Blue (18%)

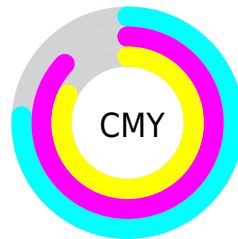


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4006446 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 4006446 by changing the saturation by 10% instead.



4006446



4006446

16777215



2559257



7163740



458752



8873844



0



10584206



12425896



14202307



16110047



16772604



4006446



4006446

■ 4004907

■ 4007985

■ 4003367

■ 4009525

■ 4001828

■ 4011064

■ 4000288

■ 4012604

■ 3998749

■ 4014399

■ 3997723

■ 4015938

■ 4017478

■ 4019017

■ 4020557

Harmonies

Analogous

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



3482936



4006446



4137507

Triad

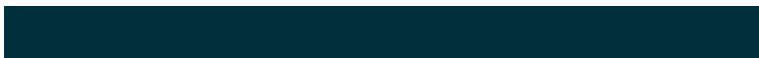
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4006446



2763798



77627

Complementary

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



4006446



2243889

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.



12338



4006446



1912348

Square

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



4006446



3418133



995366



1322047

Rectangle

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



4006446



4072477



995366



12088

Sweetspot

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



4006446



5195081



3220029



2695717



11053224



2697513

Same Dimension

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



4006446



5186872



4006690



2038813



6160426



14549091

Inverse Universe

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



4006446



5186872



2243645



2038813



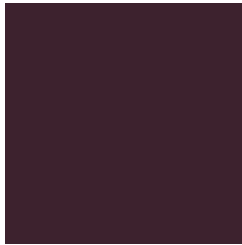
6160426



14549091

Previews

White Background



This preview shows how the Decimal color 4006446 looks on a white background.

Color Contrast Check

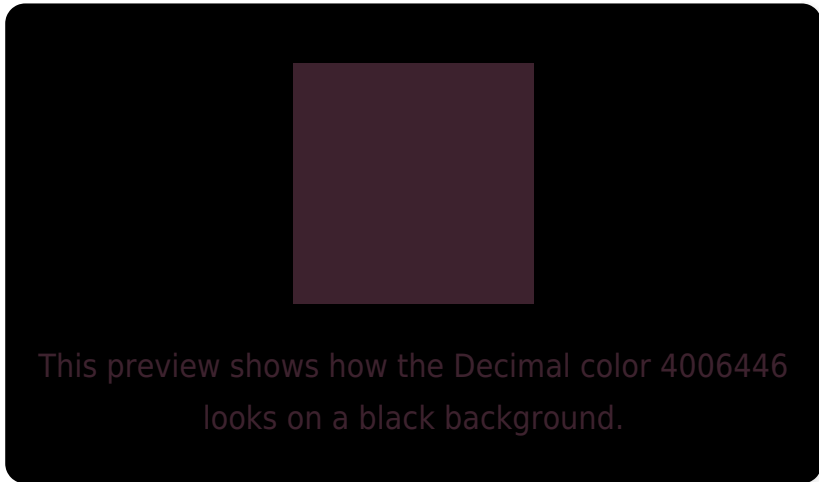
Large Text (above 18pt) WCAG AA ✓ Pass

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

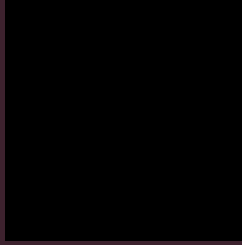
Any Text WCAG AA × Fail

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 4006446 Background



This preview shows how black text looks on a background with the Decimal color 4006446.



This preview shows how white text looks on a background with the Decimal color 4006446.

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](#).

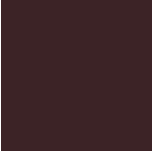
Dichromacy



Original Color
4006446

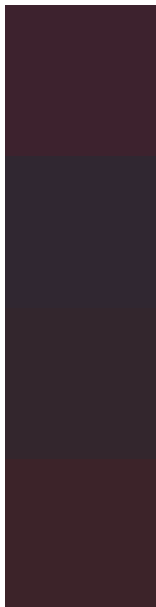
Protanopia
2697779

Deuteranopia
3025197



Tritanopia
3941158

Trichromacy



Original Color

4006446

Protanomaly

3155761

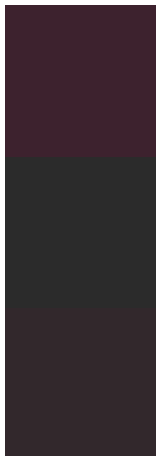
Deuteranomaly

3352109

Tritanomaly

3941161

Monochromacy



Original Color

4006446

Achromatopsia

2829099

Achromatomaly

3287084

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4006446 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 #3D222E looks like.

```
.text, #text, p{  
    color:#3D222E  
}
```

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 #3D222E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D222E
}
```

Border

The CSS property to change the border of an element to Decimal 4006446 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".

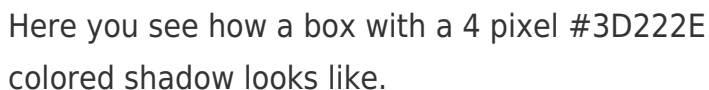
```
.border, #border, table{ border:4px solid
#3D222E }
```

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

```
.border{ border-color:#3D222E }
```

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

Here you see how a box with a 4 pixel #3D222E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3D222E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D222E; -webkit-box-shadow:4px 4px  
4px 4px #3D222E; box-shadow:4px 4px 4px  
4px #3D222E }
```

Background

The CSS property to change the background color of an element to Decimal 4006446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D222E }
```

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

```
.background{ background-color:#3D222E }
```

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