

Converting Colors

Decimal(4472402)

Have a look what the booklet for
Decimal(4472402) contains.

Decimal(4472402)	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(4472402)

Conversions

Conversions Part 1

Format	Color
Hex	443E52
RGB	68, 62, 82
RGB Percent	27%, 24%, 32%
CMY	0.7333, 0.7569, 0.6784
CMYK	0.17, 0.24, 0.00, 0.68
HSL	258°, 14%, 28%
HSV	258°, 24%, 32%
XYZ	5.6295, 5.2834, 8.7057
YIQ	66.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

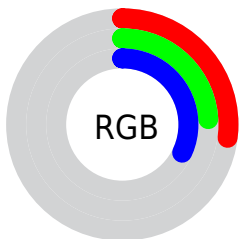
Format	Color
RYB	68, 62, 82
Decimal	4472402
CIELab	27.53, 7.28, -11.11
CIELCh	28, 13.288, 303.237
Yxy	5.2834, 0.2869, 0.2693
Android (android.graphics.Color)	4282662482 (0xFF443E52)
YUV	66.0740, 7.8515, 1.6891
Hunter-Lab	22.9856, 3.4924, -6.3660

Details

The Decimal color **4472402** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5001790**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7630211**, and **1643557** is the 20% darker color. If you saturate the color by 10%, you get **4077138**, and if you desaturate by 10%, it is **4867666**.

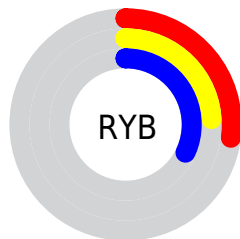
Distribution



Red (27%)

Green (24%)

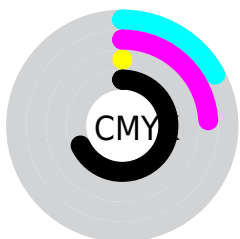
Blue (32%)



Red (27%)

Yellow (24%)

Blue (32%)

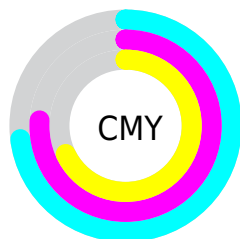


Cyan (17%)

Magenta (24%)

Yellow (0%)

Black (68%)



Cyan (73%)

Magenta (76%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4472402 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 4472402 by changing the saturation by 10% instead.

■ 4472402

■ 4472402

16777215

■ 3024955

■ 7630211

■ 1643557

■ 9340830

■ 272

■ 11051448

■ 0

■ 12893396

■ 14735600

■ 16577791

■ 4472402

■ 4472402

■ 4077138

■ 4867666

■ 3747410

■ 5197394

■ 3351890

■ 5592914

■ 2956626

■ 5988178

■ 2561362

■ 6383442

■ 2231634

■ 6713170

■ 1836370

■ 7108434

■ 1638482

■ 7503954

■ 7899218

Harmonies

Analogous

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



3555925



4472402



5192522

Triad

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



4472402



5258543



2508610

Complementary

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



4472402



5001790

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.



3229240



4472402



4669741

Square

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



4472402



5585718



3949616



2311756

Rectangle

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



4472402



5519940



3949616



2705214

Sweetspot

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



4472402



6710379



4082770



3354934



11908533



3552822

Same Dimension

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



4472402



5590123



5127762



2499881



2031721



4587752

Inverse Universe

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



5389900



7031906



4346430



2696488



6881353



15204514

Previews

White Background



This preview shows how the Decimal color 4472402 looks on a white background.

Color Contrast Check

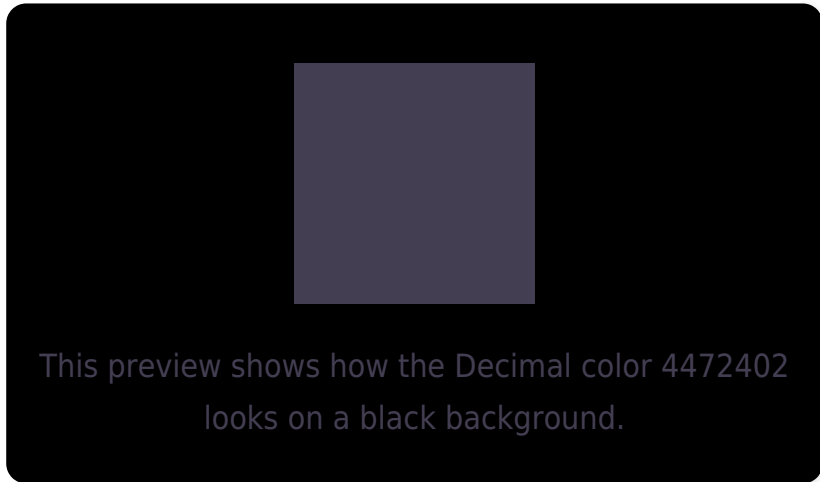
Large Text (above 18pt) WCAG AA ✓ Pass

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

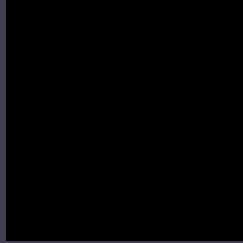
Any Text WCAG AA × Fail

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 4472402 Background



This preview shows how black text looks on a background with the Decimal color 4472402.

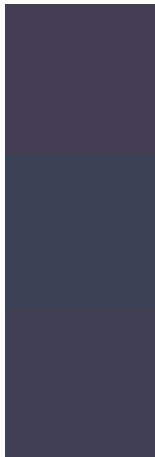


This preview shows how white text looks on a background with the Decimal color 4472402.

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

4472402

Protanopia

3948628

Deuteranopia

4145234



Tritanopia
4341829

Trichromacy



Original Color

4472402

Protanomaly

4144979

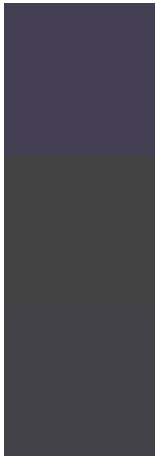
Deuteranomaly

4276050

Tritanomaly

4407114

Monochromacy



Original Color

4472402

Achromatopsia

4342338

Achromatomaly

4407624

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4472402 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 #443E52 looks like.

```
.text, #text, p{  
    color:#443E52  
}
```

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 #443E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #443E52
}
```

Border

The CSS property to change the border of an element to Decimal 4472402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

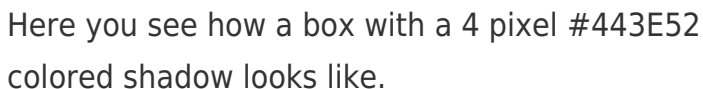
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#443E52 }
```

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

```
.border{ border-color:#443E52 }
```

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



Here you see how a box with a 4 pixel #443E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #443E52; -webkit-box-shadow:4px 4px  
4px 4px #443E52; box-shadow:4px 4px 4px  
4px #443E52 }
```

Background

The CSS property to change the background color of an element to Decimal 4472402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#443E52 }
```

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

```
.background{ background-color:#443E52 }
```

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