

Converting Colors

Decimal(4009781)

Have a look what the booklet for
Decimal(4009781) contains.

Decimal(4009781)	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(4009781)

Conversions

Conversions Part 1

Format	Color
Hex	3D2F35
RGB	61, 47, 53
RGB Percent	24%, 18%, 21%
CMY	0.7608, 0.8157, 0.7922
CMYK	0.00, 0.23, 0.13, 0.76
HSL	334°, 13%, 21%
HSV	334°, 23%, 24%
XYZ	3.5836, 3.2822, 3.8128
YIQ	51.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

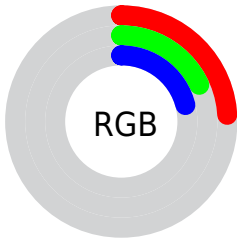
Format	Color
RYB	61, 47, 53
Decimal	4009781
CIELab	21.14, 7.57, -1.40
CIElCh	21, 7.701, 349.546
Yxy	3.2822, 0.3356, 0.3074
Android (android.graphics.Color)	4282199861 (0xFF3D2F35)
YUV	51.8700, 0.5571, 8.0070
Hunter-Lab	18.1168, 3.6039, 0.2037

Details

The Decimal color **4009781** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3095863**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **7167331**, and **1310728** is the 20% darker color. If you saturate the color by 10%, you get **4008242**, and if you desaturate by 10%, it is **4011320**.

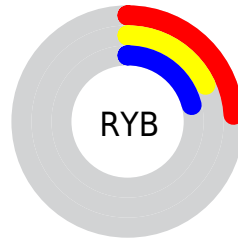
Distribution



Red (24%)

Green (18%)

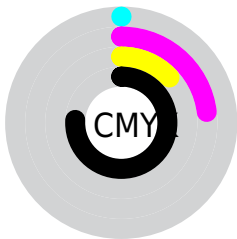
Blue (21%)



Red (24%)

Yellow (18%)

Blue (21%)

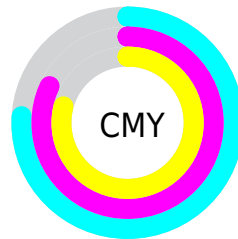


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4009781 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 4009781 by changing the saturation by 10% instead.



4009781



4009781

16777215



2562592



7167331



1310728



8812156



0



10522518



12298929



14140876



15983080

16776959



4009781



4009781

■ 4008242

■ 4011320

■ 4006702

■ 4012860

■ 4005163

■ 4014399

■ 4003623

■ 4015939

■ 4001828

■ 4017734

■ 4000288

■ 4019274

■ 3998749

■ 4020813

■ 3997722

■ 4022353

■ 4023892

Harmonies

Analogous

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



3682362



4009781



4140847

Triad

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



4009781



3355688



2438459

Complementary

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



4009781



3095863

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.



2373174



4009781



2962731

Square

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



4009781



3748392



2569777



2765886

Rectangle

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



4009781



4075564



2569777



2373178

Sweetspot

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



4009781



5196364



3616573



2696743



11053224



2697513

Same Dimension

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



4009781



5192002



4010031



2038813



6160424



14549087

Inverse Universe

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



4009781



5192002



3095613



2038813



6160424



14549087

Previews

White Background



This preview shows how the Decimal color 4009781 looks on a white background.

Color Contrast Check

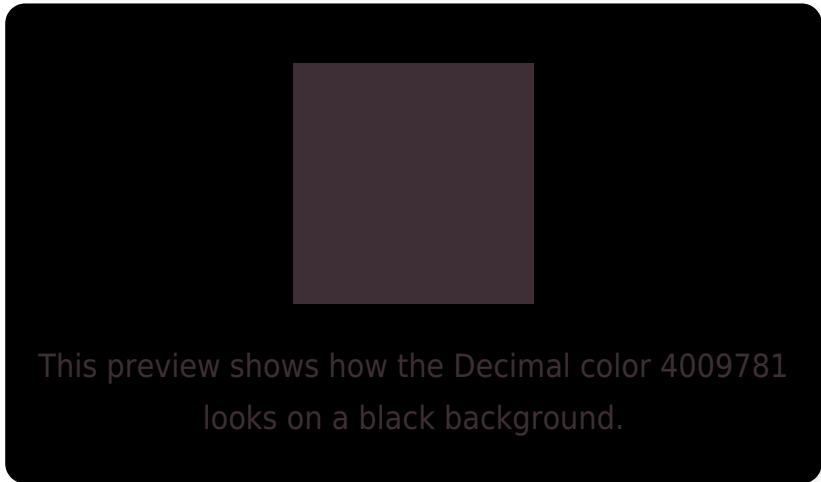
Large Text (above 18pt) WCAG AA ✓ Pass

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

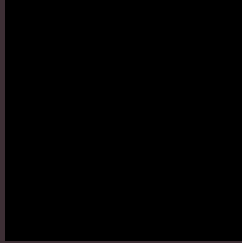
Any Text WCAG AA × Fail

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 4009781 Background



This preview shows how black text looks on a background with the Decimal color 4009781.



This preview shows how white text looks on a background with the Decimal color 4009781.

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
4009781

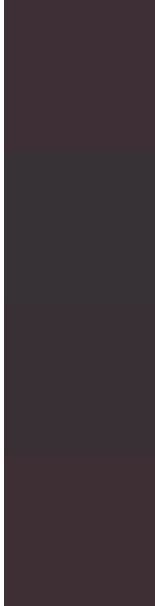
Protanopia
3355447

Deuteranopia
3617077



Tritanopia
4009779

Trichromacy



Original Color

4009781

Protanomaly

3617334

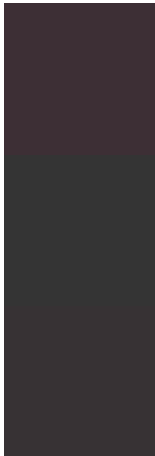
Deuteranomaly

3747893

Tritanomaly

4009780

Monochromacy



Original Color

4009781

Achromatopsia

3421236

Achromatomaly

3617332

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4009781 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 #3D2F35 looks like.

```
.text, #text, p{  
  color:#3D2F35  
}
```

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 #3D2F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2F35
}
```

Border

The CSS property to change the border of an element to Decimal 4009781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

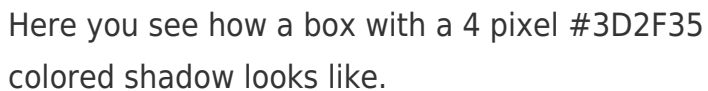
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2F35 }
```

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

```
.border{ border-color:#3D2F35 }
```

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



Here you see how a box with a 4 pixel #3D2F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2F35; -webkit-box-shadow:4px 4px  
4px 4px #3D2F35; box-shadow:4px 4px 4px  
4px #3D2F35 }
```

Background

The CSS property to change the background color of an element to Decimal 4009781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2F35 }
```

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

```
.background{ background-color:#3D2F35 }
```

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