

Converting Colors

Decimal(4009309)

Have a look what the booklet for
Decimal(4009309) contains.

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Color

Decimal(4009309)

Conversions

Conversions Part 1

Format	Color
Hex	3D2D5D
RGB	61, 45, 93
RGB Percent	24%, 18%, 36%
CMY	0.7608, 0.8235, 0.6353
CMYK	0.34, 0.52, 0.00, 0.64
HSL	260°, 35%, 27%
HSV	260°, 52%, 36%
XYZ	4.8386, 3.6592, 10.8072
YIQ	55.2560, -5.8720, 18.3200

Conversions

Conversions Part 2

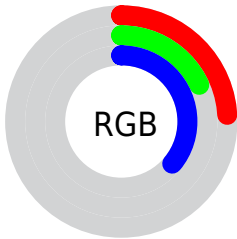
Format	Color
RYB	61, 45, 93
Decimal	4009309
CIELab	22.51, 19.31, -26.20
CIELCh	23, 32.551, 306.394
Yxy	3.6592, 0.2506, 0.1895
Android (android.graphics.Color)	4282199389 (0xFF3D2D5D)
YUV	55.2560, 18.6078, 5.0375
Hunter-Lab	19.1290, 11.6754, -20.1064

Details

The Decimal color **4009309** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5070125**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **7232400**, and **1179695** is the 20% darker color. If you saturate the color by 10%, you get **3613789**, and if you desaturate by 10%, it is **4404829**.

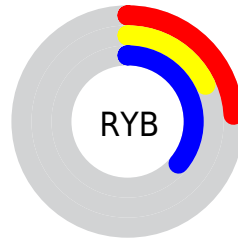
Distribution



Red (24%)

Green (18%)

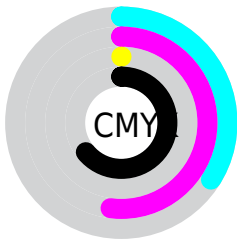
Blue (36%)



Red (24%)

Yellow (18%)

Blue (36%)

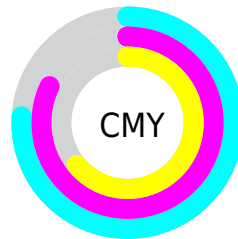


Cyan (34%)

Magenta (52%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (82%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4009309 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 4009309 by changing the saturation by 10% instead.

■ 4009309

■ 4009309

16777215

■ 2496581

■ 7232400

■ 1179695

■ 8942762

■ 281

■ 10718662

■ 0

■ 12495074

■ 14337023

■ 16244735

■ 16776447

■ 4009309

■ 4009309

■ 3613789

■ 4404829

■ 3218013

■ 4800605

■ 2756957

■ 5261661

■ 2361437

■ 5657181

■ 2031709

■ 6052957

■ 6448477

■ 6843997

■ 7305053

■ 7700829

Harmonies

Analogous

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



14182



4009309



5710410

Triad

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



4009309



5319941



16698

Complementary

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



4009309



5070125

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.



16417



4009309



4011520

Square

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



4009309



6169370



2309131



16722

Rectangle

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



4009309



6233658



2309131



16690

Sweetspot

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



4009309



7104120



2968925



3551805



12434877



4013373

Same Dimension

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



4009309



4599416



5582173



2828590



2424942



5177581

Inverse Universe

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



6106445



7876191



3497261



3025196



7209033



15532190

Previews

White Background



This preview shows how the Decimal color 4009309 looks on a white background.

Color Contrast Check

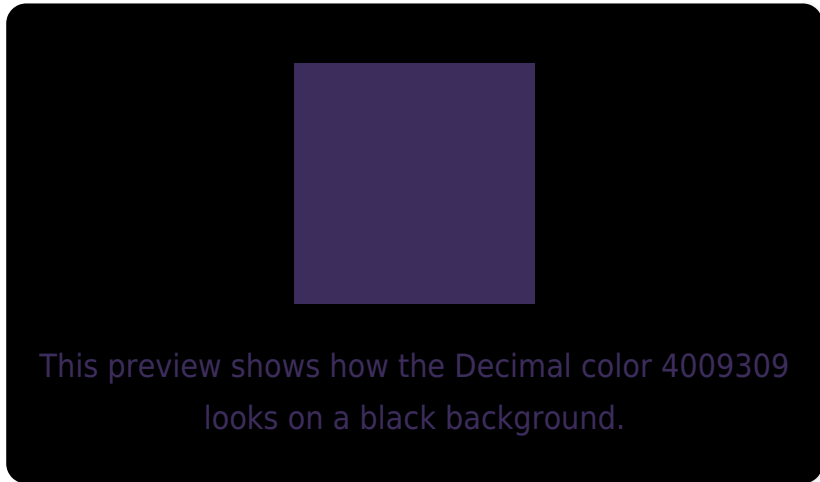
Large Text (above 18pt) WCAG AA ✓ Pass

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

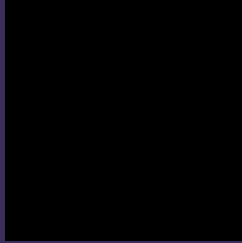
Any Text WCAG AA × Fail

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 4009309 Background



This preview shows how black text looks on a background with the Decimal color 4009309.



This preview shows how white text looks on a background with the Decimal color 4009309.

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
4009309

Protanopia
1913956

Deuteranopia
1848923



Tritanopia
3552826

Trichromacy



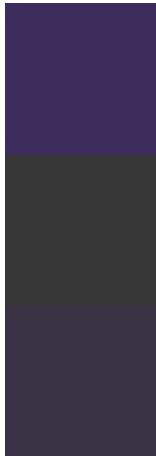
Original Color
4009309

Protanomaly
2699617

Deuteranomaly
2634588

Tritanomaly
3748679

Monochromacy



Original Color
4009309

Achromatopsia
3618615

Achromatomaly
3748677

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4009309 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 #3D2D5D looks like.

```
.text, #text, p{  
    color:#3D2D5D  
}
```

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 #3D2D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2D5D
}
```

Border

The CSS property to change the border of an element to Decimal 4009309 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
#3D2D5D }
```

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

```
.border{ border-color:#3D2D5D }
```

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

Here you see how a box with a 4 pixel #3D2D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2D5D; -webkit-box-shadow:4px 4px  
4px 4px #3D2D5D; box-shadow:4px 4px 4px  
4px #3D2D5D }
```

Background

The CSS property to change the background color of an element to Decimal 4009309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2D5D }
```

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

```
.background{ background-color:#3D2D5D }
```

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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