

Converting Colors

Decimal(4008291)

Have a look what the booklet for
Decimal(4008291) contains.

Decimal(4008291)	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(4008291)

Conversions

Conversions Part 1

Format	Color
Hex	3D2963
RGB	61, 41, 99
RGB Percent	24%, 16%, 39%
CMY	0.7608, 0.8392, 0.6118
CMYK	0.38, 0.59, 0.00, 0.61
HSL	261°, 41%, 27%
HSV	261°, 59%, 39%
XYZ	4.9695, 3.4788, 12.2139
YIQ	53.5920, -6.6980, 22.2780

Conversions

Conversions Part 2

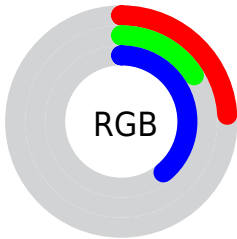
Format	Color
R_{YB}	61, 41, 99
Decimal	4008291
CIE _{Lab}	21.87, 23.74, -31.17
CIE _{LCh}	22, 39.180, 307.300
Yxy	3.4788, 0.2405, 0.1684
Android (android.graphics.Color)	4282198371 (0xFF3D2963)
YUV	53.5920, 22.3861, 6.4968
Hunter-Lab	18.6516, 14.9192, -25.7697

Details

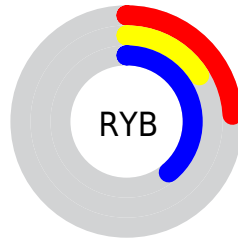
The Decimal color **4008291** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5202729**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **7296918**, and **1114164** is the 20% darker color. If you saturate the color by 10%, you get **3612515**, and if you desaturate by 10%, it is **4404067**.

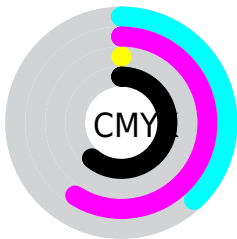
Distribution



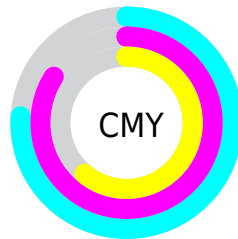
- Red (24%)
- Green (16%)
- Blue (39%)



- Red (24%)
- Yellow (16%)
- Blue (39%)



- Cyan (38%)
- Magenta (59%)
- Yellow (0%)
- Black (61%)



- Cyan (76%)
- Magenta (84%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4008291 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 4008291 by changing the saturation by 10% instead.

■ 4008291

■ 4008291

16777215

■ 2430027

■ 7296918

■ 1114164

■ 9007281

■ 542

■ 10783181

■ 0

■ 12625129

■ 14467071

■ 16374783

■ 16775167

■ 4008291

■ 4008291

■ 3612515

■ 4404067

■ 3151203

■ 4865379

■ 2755427

■ 5261155

■ 2294115

■ 5722467

■ 2228323

■ 6118243

■ 6579299

■ 6975075

■ 7436387

■ 7832163

Harmonies

Analogous

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



13935



4008291



6035787

Triad

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



4008291



5450240



16699

Complementary

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



4008291



5202729

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.



16412



4008291



3880192

Square

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



4008291



6429715



1784832



16727

Rectangle

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



4008291



6623800



1784832



16689

Sweetspot

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



4008291



7367040



2707555



3617344



12566463



4210752

Same Dimension

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



4008291



4531840



5843299



2960432



2556016



5439728

Inverse Universe

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



6498639



8398433



3367721



3157039



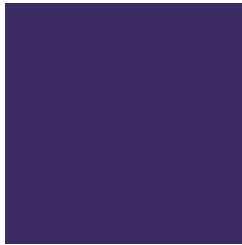
7340106



15728797

Previews

White Background



This preview shows how the Decimal color 4008291 looks on a white background.

Color Contrast Check

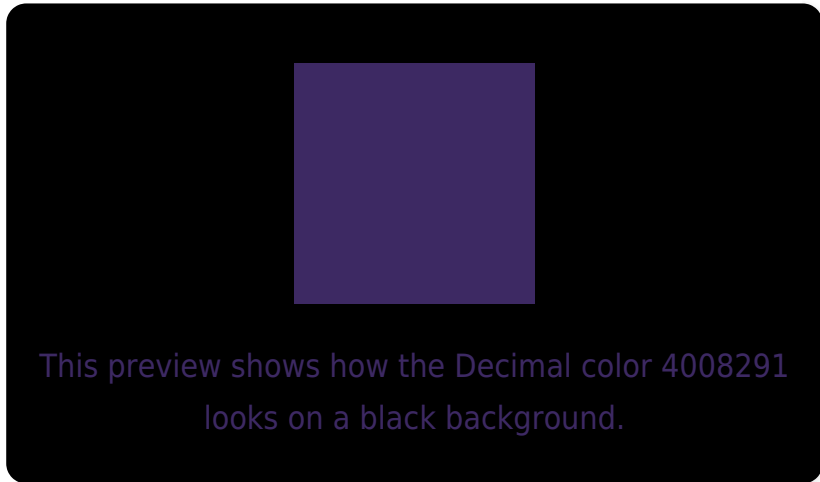
Large Text (above 18pt) WCAG AA ✓ Pass

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

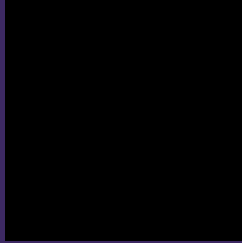
Any Text WCAG AA × Fail

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 4008291 Background



This preview shows how black text looks on a background with the Decimal color 4008291.



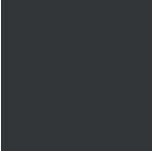
This preview shows how white text looks on a background with the Decimal color 4008291.

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





Tritanopia
3421497

Trichromacy



Original Color
4008291

Protanomaly
1453929

Deuteranomaly
1454432

Tritanomaly
3617096

Monochromacy



Original Color
4008291

Achromatopsia
3552822

Achromatomaly
3748166

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4008291 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 #3D2963 looks like.

```
.text, #text, p{  
    color:#3D2963  
}
```

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 #3D2963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2963
}
```

Border

The CSS property to change the border of an element to Decimal 4008291 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
#3D2963 }
```

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

```
.border{ border-color:#3D2963 }
```

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

Here you see how a box with a 4 pixel #3D2963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2963; -webkit-box-shadow:4px 4px  
4px 4px #3D2963; box-shadow:4px 4px 4px  
4px #3D2963 }
```

Background

The CSS property to change the background color of an element to Decimal 4008291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2963 }
```

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

```
.background{ background-color:#3D2963 }
```

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