

Converting Colors

Decimal(3349300)

Have a look what the booklet for
Decimal(3349300) contains.

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Color

Decimal(3349300)

Conversions

Conversions Part 1

Format	Color
Hex	331B34
RGB	51, 27, 52
RGB Percent	20%, 11%, 20%
CMY	0.8000, 0.8941, 0.7961
CMYK	0.02, 0.48, 0.00, 0.80
HSL	298°, 32%, 15%
HSV	298°, 48%, 20%
XYZ	2.3770, 1.7356, 3.4585
YIQ	37.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

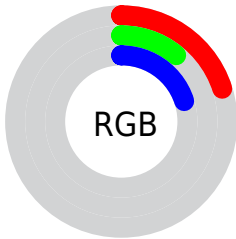
Format	Color
RYB	51, 27, 52
Decimal	3349300
CIELab	14.03, 16.76, -11.56
CIElCh	14, 20.360, 325.415
Yxy	1.7356, 0.3140, 0.2292
Android (android.graphics.Color)	4281539380 (0xFF331B34)
YUV	37.0260, 7.3822, 12.2552
Hunter-Lab	13.1742, 9.1515, -6.3430

Details

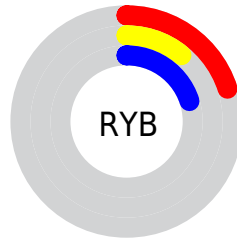
The Decimal color **3349300** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1848347**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **6440803**, and **3** is the 20% darker color. If you saturate the color by 10%, you get **3348020**, and if you desaturate by 10%, it is **3350580**.

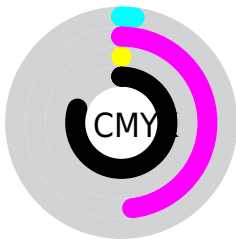
Distribution



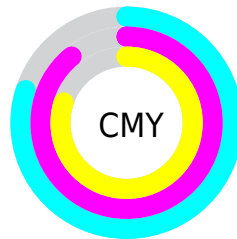
- Red (20%)
- Green (11%)
- Blue (20%)



- Red (20%)
- Yellow (11%)
- Blue (20%)



- Cyan (2%)
- Magenta (48%)
- Yellow (0%)
- Black (80%)



- Cyan (80%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3349300 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 3349300 by changing the saturation by 10% instead.



3349300



3349300

16777215



2032415



6440803



3



8085371



0



9795733



11571888



13413579



15255784



16770303



3349300



3349300

■ 3348020

■ 3350580

■ 3346740

■ 3351860

■ 3279668

■ 3418932

■ 3278388

■ 3420212

■ 3277108

■ 3421492

■ 3276852

■ 3422772

■ 3424052

■ 3491124

■ 3492404

Harmonies

Analogous

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



2171197



3349300



3938086

Triad

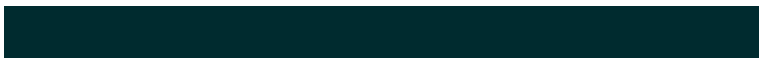
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3349300



3023361



11055

Complementary

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



3349300



1848347

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.



11041



3349300



2106885

Square

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



3349300



3677450



862483



10555

Rectangle

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



3349300



4069149



862483



11051

Sweetspot

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



3349300



4471621



1776692



2301476



10724259



2368548

Same Dimension

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



3349300



4398405



3414825



1644314



5636185



13631705

Inverse Universe

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



3414812



4529439



1782822



1709847



5832708



14221321

Previews

White Background



This preview shows how the Decimal color 3349300 looks on a white background.

Color Contrast Check

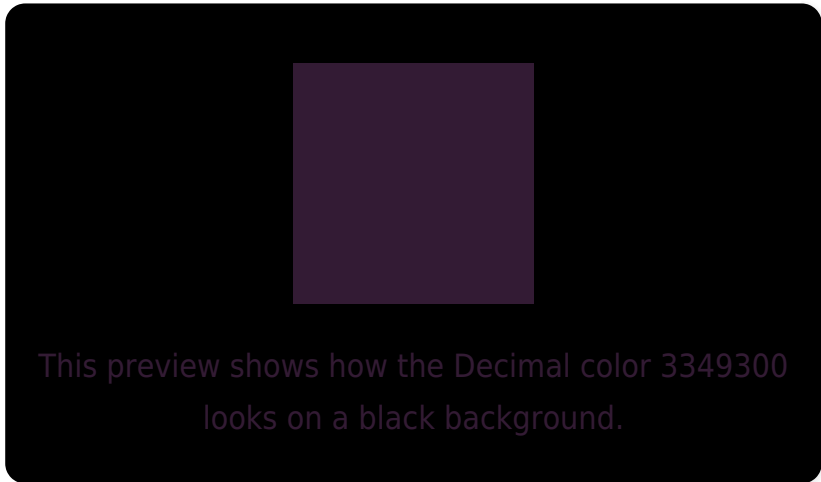
Large Text (above 18pt) WCAG AA ✓ Pass

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

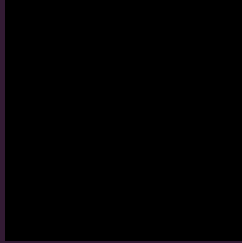
Any Text WCAG AA × Fail

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 3349300 Background



This preview shows how black text looks on a background with the Decimal color 3349300.



This preview shows how white text looks on a background with the Decimal color 3349300.

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](#).

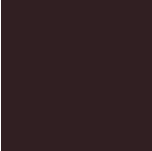
Dichromacy



Original Color
3349300

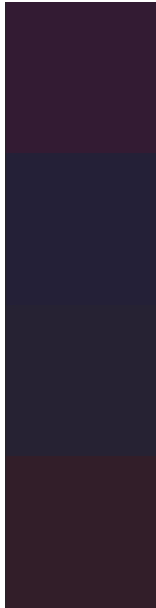
Protanopia
1778491

Deuteranopia
2040882



Tritanopia
3219234

Trichromacy



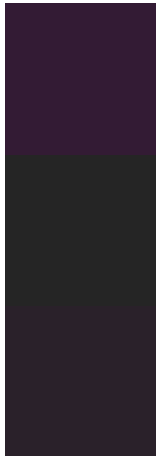
Original Color
3349300

Protanomaly
2367544

Deuteranomaly
2498867

Tritanomaly
3284521

Monochromacy



Original Color
3349300

Achromatopsia
2434341

Achromatomaly
2761002

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3349300 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 #331B34 looks like.

```
.text, #text, p{  
    color:#331B34  
}
```

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 #331B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331B34
}
```

Border

The CSS property to change the border of an element to Decimal 3349300 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".

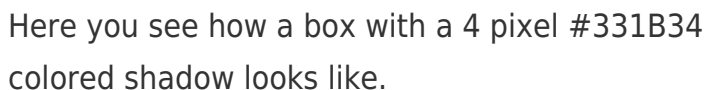
```
.border, #border, table{ border:4px solid
#331B34 }
```

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

```
.border{ border-color:#331B34 }
```

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

Here you see how a box with a 4 pixel #331B34 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331B34; -webkit-box-shadow:4px 4px  
4px 4px #331B34; box-shadow:4px 4px 4px  
4px #331B34 }
```

Background

The CSS property to change the background color of an element to Decimal 3349300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331B34 }
```

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

```
.background{ background-color:#331B34 }
```

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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