

Converting Colors

Decimal(3349586)

Have a look what the booklet for
Decimal(3349586) contains.

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Color

Decimal(3349586)

Conversions

Conversions Part 1

Format	Color
Hex	331C52
RGB	51, 28, 82
RGB Percent	20%, 11%, 32%
CMY	0.8000, 0.8902, 0.6784
CMYK	0.38, 0.66, 0.00, 0.68
HSL	266°, 49%, 22%
HSV	266°, 66%, 32%
XYZ	3.3035, 2.1435, 8.2223
YIQ	41.0330, -3.6260, 21.6700

Conversions

Conversions Part 2

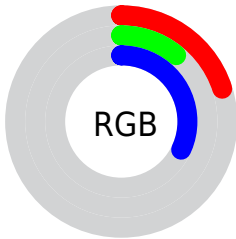
Format	Color
R_{YB}	51, 28, 82
Decimal	3349586
CIE _{Lab}	16.22, 24.28, -28.98
CIE _{LCh}	16, 37.806, 309.959
Yxy	2.1435, 0.2417, 0.1568
Android (android.graphics.Color)	4281539666 (0xFF331C52)
YUV	41.0330, 20.1967, 8.7411
Hunter-Lab	14.6407, 14.6548, -23.0489

Details

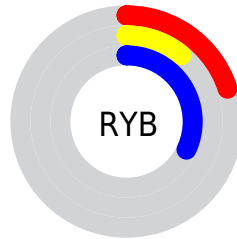
The Decimal color **3349586** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3887644**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **6572420**, and **37** is the 20% darker color. If you saturate the color by 10%, you get **3019858**, and if you desaturate by 10%, it is **3679314**.

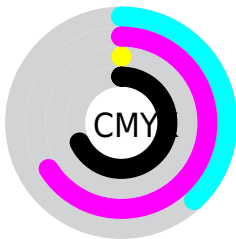
Distribution



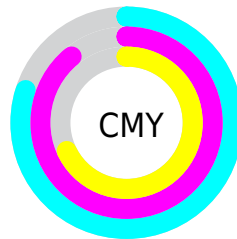
- Red (20%)
- Green (11%)
- Blue (32%)



- Red (20%)
- Yellow (11%)
- Blue (32%)



- Cyan (38%)
- Magenta (66%)
- Yellow (0%)
- Black (68%)



- Cyan (80%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3349586 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 3349586 by changing the saturation by 10% instead.

■ 3349586

■ 3349586

16777215

■ 1836603

■ 6572420

■ 37

■ 8282526

■ 13

■ 9992889

■ 0

■ 11769045

■ 13610994

■ 15518463

■ 16770815

■ 3349586

■ 3349586

■ 3019858

■ 3679314

■ 2755666

■ 3943506

■ 2425682

■ 4273490

■ 2293842

■ 4603218

■ 4932946

■ 5197138

■ 5526866

■ 5856850

■ 6121042

Harmonies

Analogous

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



10590



3349586



5114427

Triad

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



3349586



4268032



13361

Complementary

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



3349586



3887644

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.



13076



3349586



2828800

Square

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



3349586



5312769



864256



13130

Rectangle

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



3349586



5571114



864256



13095

Sweetspot

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



3349586



6248043



1850450



3025206



11908533



3552822

Same Dimension

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



3349586



3872363



5053522



2499881



2949225



6488296

Inverse Universe

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



5381179



7018055



2183708



2696487



6881340



15204485

Previews

White Background



This preview shows how the Decimal color 3349586 looks on a white background.

Color Contrast Check

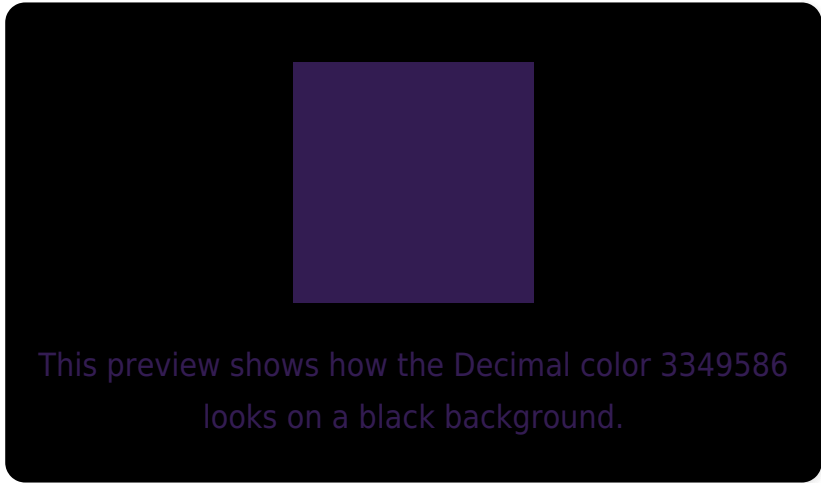
Large Text (above 18pt) WCAG AA ✓ Pass

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

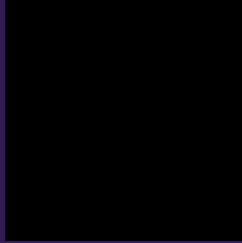
Any Text WCAG AA × Fail

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 3349586 Background



This preview shows how black text looks on a background with the Decimal color 3349586.



This preview shows how white text looks on a background with the Decimal color 3349586.

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
3349586

Protanopia
10068

Deuteranopia
10825



Tritanopia
2828331

Trichromacy



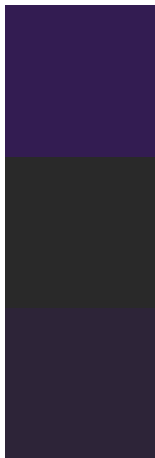
Original Color
3349586

Protanomaly
1254227

Deuteranomaly
1254732

Tritanomaly
3023929

Monochromacy



Original Color
3349586

Achromatopsia
2697513

Achromatomaly
2958392

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3349586 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 #331C52 looks like.

```
.text, #text, p{  
    color:#331C52  
}
```

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 #331C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331C52
}
```

Border

The CSS property to change the border of an element to Decimal 3349586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

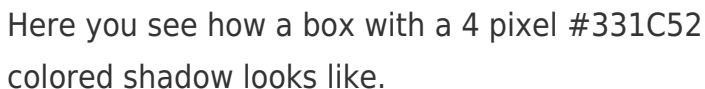
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#331C52 }
```

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

```
.border{ border-color:#331C52 }
```

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



Here you see how a box with a 4 pixel #331C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331C52; -webkit-box-shadow:4px 4px  
4px 4px #331C52; box-shadow:4px 4px 4px  
4px #331C52 }
```

Background

The CSS property to change the background color of an element to Decimal 3349586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331C52 }
```

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

```
.background{ background-color:#331C52 }
```

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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