

Converting Colors

Decimal(2949410)

Have a look what the booklet for
Decimal(2949410) contains.

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Color

Decimal(2949410)

Conversions

Conversions Part 1

Format	Color
Hex	2D0122
RGB	45, 1, 34
RGB Percent	18%, 0%, 13%
CMY	0.8235, 0.9961, 0.8667
CMYK	0.00, 0.98, 0.24, 0.82
HSL	315°, 96%, 9%
HSV	315°, 98%, 18%
XYZ	1.3818, 0.6951, 1.5747
YIQ	17.9180, 15.6310, 19.5910

Conversions

Conversions Part 2

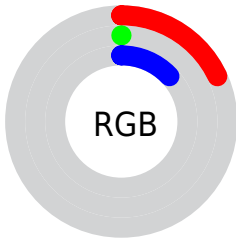
Format	Color
R_{YB}	45, 1, 34
Decimal	2949410
CIE _{Lab}	6.28, 26.00, -10.32
CIE _{LCh}	6, 27.974, 338.359
Yxy	0.6951, 0.3784, 0.1904
Android (android.graphics.Color)	4281139490 (0xFF2D0122)
YUV	17.9180, 7.9284, 23.7509
Hunter-Lab	8.3372, 14.9938, -5.3625

Details

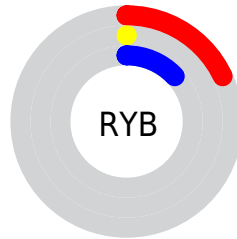
The Decimal color **2949410** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **77068**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **6106702**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2949154**, and if you desaturate by 10%, it is **2950691**.

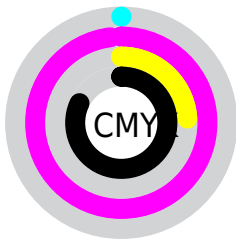
Distribution



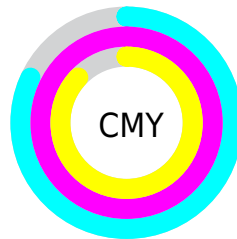
- Red (18%)
- Green (0%)
- Blue (13%)



- Red (18%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (24%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2949410 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 2949410 by changing the saturation by 10% instead.

 2949410

 2949410

 16770047

 1245194

 6106702

 0

 7751270

 9461375

 11237273

 13078964

 14920912

 16762860

 2949410

 2949410

■ 2949154

■ 2950691

■ 2951716

■ 2952997

■ 2954023

■ 2955304

■ 2956329

■ 2957610

■ 2958635

■ 2959916

Harmonies

Analogous

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



1707057



2949410



3342350

Triad

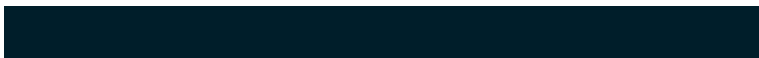
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2949410



1381632



7722

Complementary

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



2949410



77068

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.



7961



2949410



6912

Square

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



2949410



2493696



7680



6710

Rectangle

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



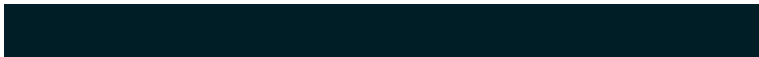
2949410



3342336



7680



7717

Sweetspot

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



2949410



3877430



786733



2036764



10395294



2039583

Same Dimension

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



2949410



3866668



2949388



1512726



5701697



14024865

Inverse Universe

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



2949410



3866668



77090



1512726



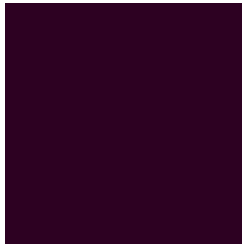
5701697



14024865

Previews

White Background



This preview shows how the Decimal color 2949410 looks on a white background.

Color Contrast Check

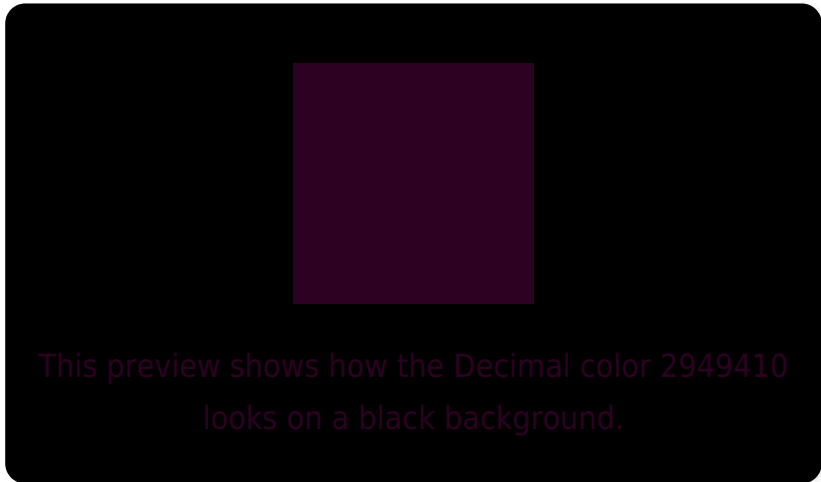
Large Text (above 18pt) WCAG AA ✓ Pass

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

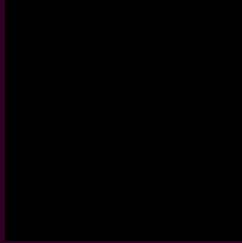
Any Text WCAG AA × Fail

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 2949410 Background



This preview shows how black text looks on a background with the Decimal color 2949410.



This preview shows how white text looks on a background with the Decimal color 2949410.

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
2949410

Protanopia
596016

Deuteranopia
1513504



Tritanopia
2821390

Trichromacy



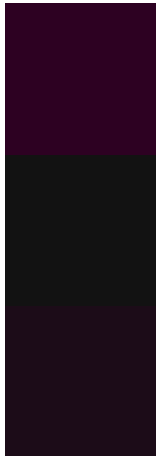
Original Color
2949410

Protanomaly
1445931

Deuteranomaly
2035745

Tritanomaly
2885909

Monochromacy



Original Color
2949410

Achromatopsia
1184274

Achromatomaly
1838104

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2949410 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 #2D0122 looks like.

```
.text, #text, p{  
    color:#2D0122  
}
```

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 #2D0122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0122
}
```

Border

The CSS property to change the border of an element to Decimal 2949410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

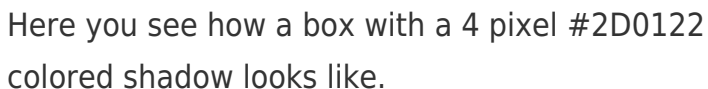
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0122 }
```

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

```
.border{ border-color:#2D0122 }
```

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



Here you see how a box with a 4 pixel #2D0122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0122; -webkit-box-shadow:4px 4px  
4px 4px #2D0122; box-shadow:4px 4px 4px  
4px #2D0122 }
```

Background

The CSS property to change the background color of an element to Decimal 2949410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0122 }
```

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

```
.background{ background-color:#2D0122 }
```

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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