

Converting Colors

Decimal(2893149)

Have a look what the booklet for
Decimal(2893149) contains.

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Color

Decimal(2893149)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C255D |
| RGB | 44, 37, 93 |
| RGB Percent | 17%, 15%, 36% |
| CMY | 0.8275, 0.8549, 0.6353 |
| CMYK | 0.53, 0.60, 0.00, 0.64 |
| HSL | 248°, 43%, 25% |
| HSV | 248°, 60%, 36% |
| XYZ | 3.6761, 2.6489, 10.6735 |
| YIQ | 45.4770, -13.8040, 18.9000 |

Conversions

Conversions Part 2

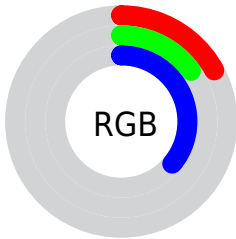
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 44, 37, 93 |
| Decimal | 2893149 |
| CIE _{Lab} | 18.58, 20.04, -32.60 |
| CIE _{LCh} | 19, 38.266, 301.584 |
| Yxy | 2.6489, 0.2163, 0.1558 |
| Android (android.graphics.Color) | 4281083229 (0xFF2C255D) |
| YUV | 45.4770, 23.4288, -1.2953 |
| Hunter-Lab | 16.2755, 11.8347, -27.4895 |




Details

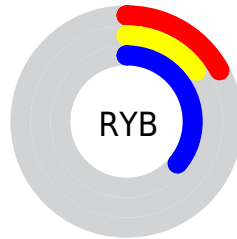
The Decimal color **2893149** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5659941**, and the grayscale version is **2960685**.




A 20% lighter version of the original color is **6181520**, and **47** is the 20% darker color. If you saturate the color by 10%, you get **2366557**, and if you desaturate by 10%, it is **3419741**.

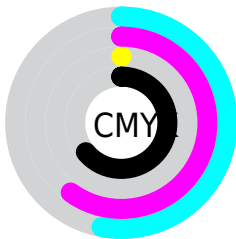
Distribution







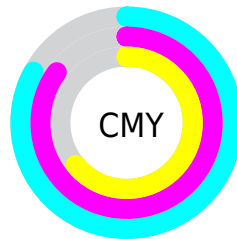
-  Red (17%)
-  Green (15%)
-  Blue (36%)






-  Red (17%)
-  Yellow (15%)
-  Blue (36%)



-  Cyan (53%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (83%)
-  Magenta (85%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2893149 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 2893149 by changing the saturation by 10% instead.

■ 2893149

■ 2893149

16777215

■ 1184069

■ 6181520

■ 47

■ 7891627

■ 281

■ 9601990

■ 0

■ 11378402

■ 13220351

■ 15127807

■ 16773631

■ 2893149

■ 2893149

■ 2366557

■ 3419741

■ 1839709

■ 3946589

■ 1313117

■ 4473181

■ 786525

■ 5065309

■ 5592157

■ 6118749

■ 6645341

■ 7171933

■ 7698781

Harmonies

Analogous

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



12389



2893149



5182792

Triad

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



2893149



5054720



14638

Complementary

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



2893149



5659941

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.



14097



2893149



3681536

Square

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



2893149



5902866



1913856



14666

Rectangle

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



2893149



5900854



1913856



14628

Sweetspot

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



2893149



6644344



2446941



3223613



12434877



4013373

Same Dimension

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



2893149



2892408



4728157



2763054



917614



1966317

Inverse Universe

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



6104406



7873133



3824933



3025197



7209056



15532240

Previews

White Background



This preview shows how the Decimal color 2893149 looks on a white background.

Color Contrast Check

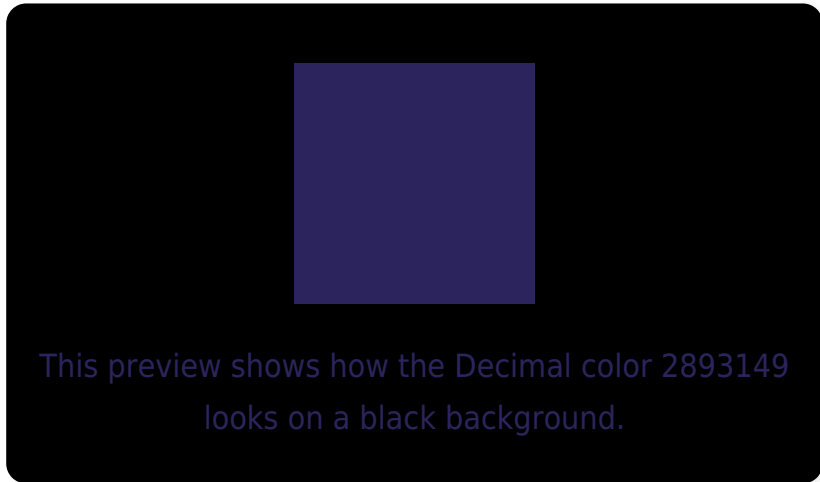
Large Text (above 18pt) WCAG AA ✓ Pass

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

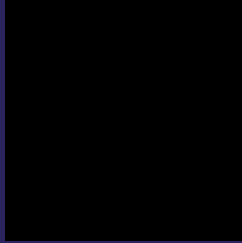
Any Text WCAG AA × Fail

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 2893149 Background



This preview shows how black text looks on a background with the Decimal color 2893149.



This preview shows how white text looks on a background with the Decimal color 2893149.

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
2893149

Protanopia
11357

Deuteranopia
12113

Trichromacy



Original Color
2893149

Protanomaly
1059165

Deuteranomaly
1059669

Tritanomaly
2370627

Monochromacy



Original Color
2893149

Achromatopsia
2960685

Achromatomaly
2959934

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2893149 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 #2C255D looks like.

```
.text, #text, p{  
    color:#2C255D  
}
```

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 #2C255D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C255D
}
```

Border

The CSS property to change the border of an element to Decimal 2893149 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
#2C255D }
```

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

```
.border{ border-color:#2C255D }
```

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

Here you see how a box with a 4 pixel #2C255D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C255D; -webkit-box-shadow:4px 4px  
4px 4px #2C255D; box-shadow:4px 4px 4px  
4px #2C255D }
```

Background

The CSS property to change the background color of an element to Decimal 2893149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C255D }
```

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

```
.background{ background-color:#2C255D }
```

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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