

Converting Colors

Decimal(2818142)

Have a look what the booklet for
Decimal(2818142) contains.

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Color

Decimal(2818142)

Conversions

Conversions Part 1

Format	Color
Hex	2B005E
RGB	43, 0, 94
RGB Percent	17%, 0%, 37%
CMY	0.8314, 1.0000, 0.6314
CMYK	0.54, 1.00, 0.00, 0.63
HSL	267°, 100%, 18%
HSV	267°, 100%, 37%
XYZ	3.0166, 1.3217, 10.6858
YIQ	23.5730, -4.5460, 38.3500

Conversions

Conversions Part 2

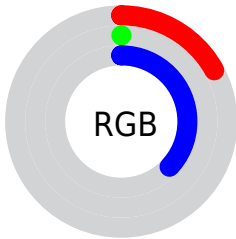
Format	Color
R_{YB}	43, 0, 94
Decimal	2818142
CIE _{Lab}	11.43, 40.09, -44.97
CIE _{LCh}	11, 60.240, 311.718
Yxy	1.3217, 0.2008, 0.0880
Android (android.graphics.Color)	4281008222 (0xFF2B005E)
YUV	23.5730, 34.7205, 17.0375
Hunter-Lab	11.4967, 26.7177, -47.0603

Details

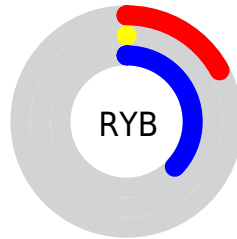
The Decimal color **2818142** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3366400**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6304401**, and **302** is the 20% darker color. If you saturate the color by 10%, you get **2818142**, and if you desaturate by 10%, it is **3148126**.

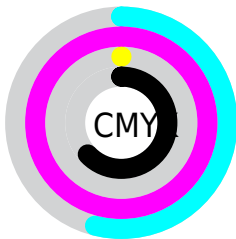
Distribution



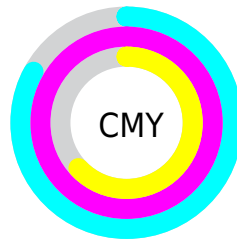
- Red (17%)
- Green (0%)
- Blue (37%)



- Red (17%)
- Yellow (0%)
- Blue (37%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (83%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2818142 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 2818142 by changing the saturation by 10% instead.

 2818142

 2818142

 16772095

 1245254

 6304401

 302

 8080044

 281

 9855944

 0

 11697636

 13539327

 15447039

 16764671

 2818142

■ 3148126

■ 3478366

■ 3808350

■ 4138590

■ 4534110

■ 4864094

■ 5194334

■ 5524318

■ 5854558

Harmonies

Analogous

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



8563



2818142



5636153

Triad

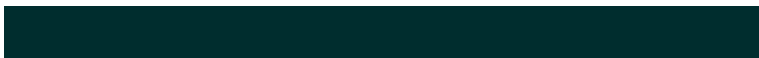
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2818142



3870976



11566

Complementary

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



2818142



3366400

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.



11264



2818142



1581568

Square

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



2818142



5439488



10496



11862

Rectangle

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



2818142



6225950



10496



11296

Sweetspot

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



2818142



6706810



13406



3221309



12434877



4013373

Same Dimension

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



2818142



3670138



5832798



2828590



3276910



7078125

Inverse Universe

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



6160435



7995458



351744



3025196



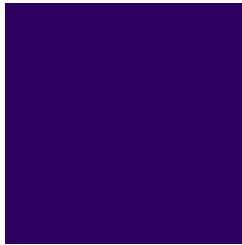
7209019



15532161

Previews

White Background



This preview shows how the Decimal color 2818142 looks on a white background.

Color Contrast Check

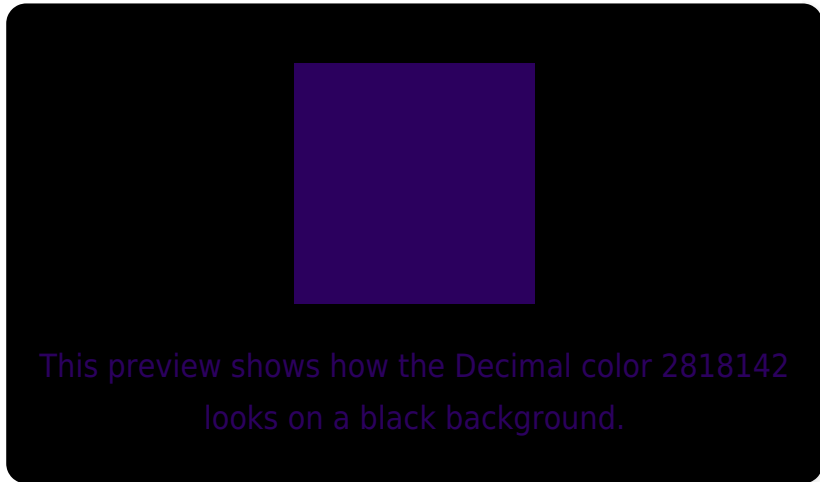
Large Text (above 18pt) WCAG AA ✓ Pass

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

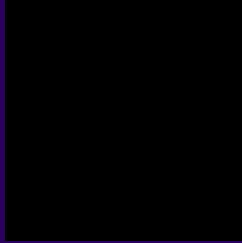
Any Text WCAG AA × Fail

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 2818142 Background



This preview shows how black text looks on a background with the Decimal color 2818142.



This preview shows how white text looks on a background with the Decimal color 2818142.

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
2818142

Protanopia
8774

Deuteranopia
9276



Tritanopia
1647912

Trichromacy



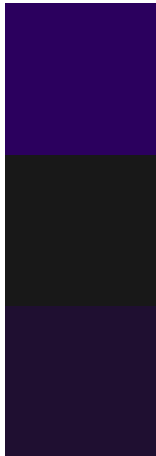
Original Color
2818142

Protanomaly
1054287

Deuteranomaly
1054536

Tritanomaly
2103356

Monochromacy



Original Color
2818142

Achromatopsia
1579032

Achromatomaly
2035505

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2818142 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 #2B005E looks like.

```
.text, #text, p{  
  color:#2B005E  
}
```

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 #2B005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B005E
}
```

Border

The CSS property to change the border of an element to Decimal 2818142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

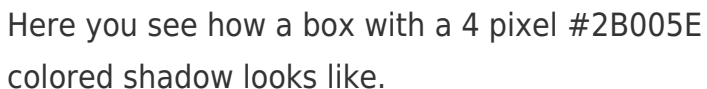
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B005E }
```

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

```
.border{ border-color:#2B005E }
```

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



Here you see how a box with a 4 pixel #2B005E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B005E; -webkit-box-shadow:4px 4px  
4px 4px #2B005E; box-shadow:4px 4px 4px  
4px #2B005E }
```

Background

The CSS property to change the background color of an element to Decimal 2818142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B005E }
```

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

```
.background{ background-color:#2B005E }
```

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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