

Converting Colors

Decimal(2818049)

Have a look what the booklet for
Decimal(2818049) contains.

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Color

Decimal(2818049)

Conversions

Conversions Part 1

Format	Color
Hex	2B0001
RGB	43, 0, 1
RGB Percent	17%, 0%, 0%
CMY	0.8314, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.98, 0.83
HSL	359°, 100%, 8%
HSV	359°, 100%, 17%
XYZ	1.0017, 0.5158, 0.0755
YIQ	12.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

Format	Color
RYB	43, 0, 1
Decimal	2818049
CIELab	4.66, 20.58, 6.95
CIELCh	5, 21.720, 18.671
Yxy	0.5158, 0.6288, 0.3238
Android (android.graphics.Color)	4281008129 (0xFF2B0001)
YUV	12.9710, -5.9017, 26.3354
Hunter-Lab	7.1818, 12.3296, 4.4042

Details

The Decimal color **2818049** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **11050**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **5910065**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2818049**, and if you desaturate by 10%, it is **2819077**.

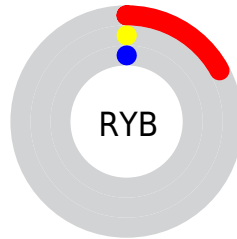
Distribution



Red (17%)

Green (0%)

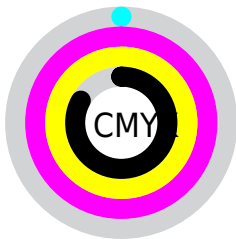
Blue (0%)



Red (17%)

Yellow (0%)

Blue (0%)

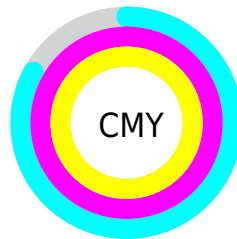


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (83%)



Cyan (83%)

Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2818049 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 2818049 by changing the saturation by 10% instead.

 2818049

 2818049


 16769507

 0

 5910065

 7554375

 9329759

 11105656

 12947345

 14789292

 16696775

 2818049

■ 2819077

■ 2820361

■ 2821390

■ 2822418

■ 2823702

■ 2824730

■ 2825758

■ 2826787

■ 2828071

Harmonies

Analogous

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



2621463



2818049



2491648

Triad

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



2818049



5888



5164

Complementary

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



2818049



11050

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.



6182



2818049



6406

Square

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



2818049



529152



6682



331308

Rectangle

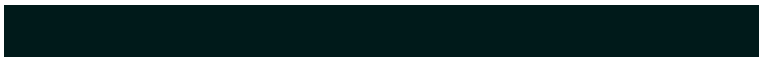
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2818049



2099712



6682



5675

Sweetspot

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



2818049



3680040



2752555



1839634



10263708



1842204

Same Dimension

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



2818049



3670017



2823168



1315346



5505026



13893637

Inverse Universe

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



2818049



3670017



5931



1315346



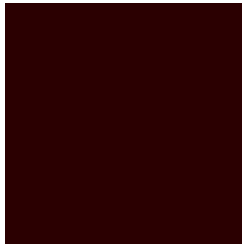
5505026



13893637

Previews

White Background



This preview shows how the Decimal color 2818049 looks on a white background.

Color Contrast Check

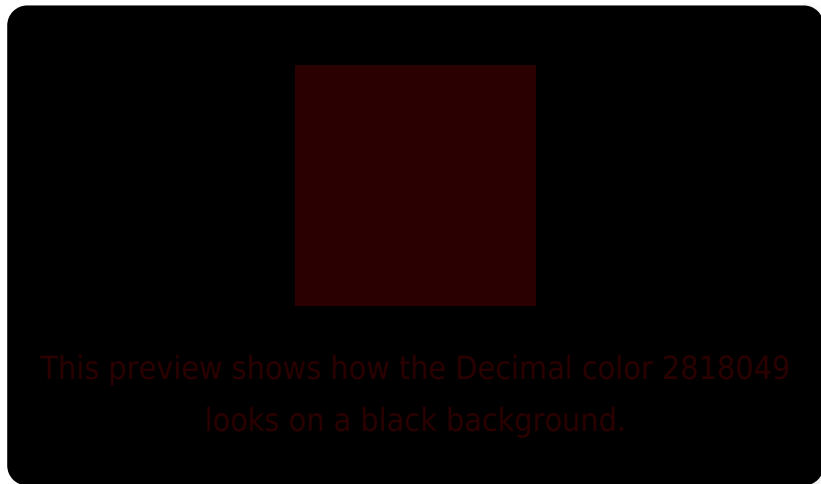
Large Text (above 18pt) WCAG AA ✓ Pass

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

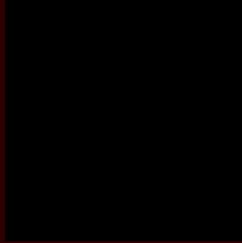
Any Text WCAG AA × Fail

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 2818049 Background



This preview shows how black text looks on a background with the Decimal color 2818049.

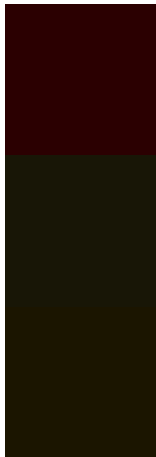


This preview shows how white text looks on a background with the Decimal color 2818049.

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](#).

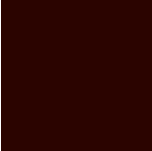
Dichromacy



Original Color
2818049

Protanopia
1578502

Deuteranopia
1774848



Tritanopia
2819072

Trichromacy



Original Color

2818049

Protanomaly

2035204

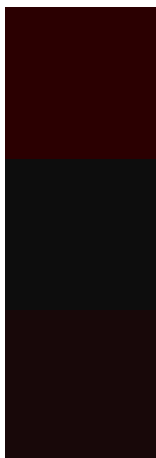
Deuteranomaly

2166016

Tritanomaly

2818816

Monochromacy



Original Color

2818049

Achromatopsia

855309

Achromatomaly

1574921

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2818049 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 #2B0001 looks like.

```
.text, #text, p{  
    color:#2B0001  
}
```

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 #2B0001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0001
}
```

Border

The CSS property to change the border of an element to Decimal 2818049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

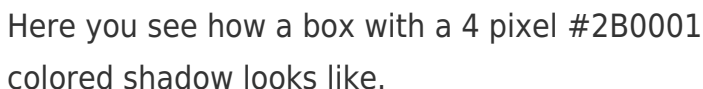
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0001 }
```

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

```
.border{ border-color:#2B0001 }
```

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



Here you see how a box with a 4 pixel #2B0001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0001; -webkit-box-shadow:4px 4px  
4px 4px #2B0001; box-shadow:4px 4px 4px  
4px #2B0001 }
```

Background

The CSS property to change the background color of an element to Decimal 2818049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0001 }
```

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

```
.background{ background-color:#2B0001 }
```

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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