

Converting Colors

Decimal(2820122)

Have a look what the booklet for
Decimal(2820122) contains.

Decimal(2820122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2820122)

Conversions

Conversions Part 1

Format	Color
Hex	2B081A
RGB	43, 8, 26
RGB Percent	17%, 3%, 10%
CMY	0.8314, 0.9686, 0.8980
CMYK	0.00, 0.81, 0.40, 0.83
HSL	329°, 69%, 10%
HSV	329°, 81%, 17%
XYZ	1.2695, 0.7618, 1.0574
YIQ	20.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

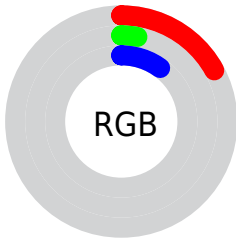
Format	Color
RYB	43, 8, 26
Decimal	2820122
CIELab	6.88, 20.01, -3.22
CIELCh	7, 20.263, 350.859
Yxy	0.7618, 0.4110, 0.2466
Android (android.graphics.Color)	4281010202 (0xFF2B081A)
YUV	20.5170, 2.7031, 19.7176
Hunter-Lab	8.7283, 10.6885, -1.0730

Details

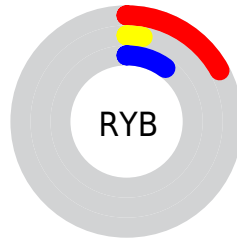
The Decimal color **2820122** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **535321**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **5911621**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2819096**, and if you desaturate by 10%, it is **2821148**.

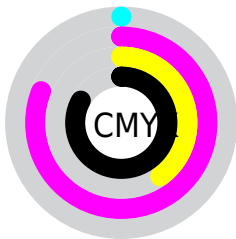
Distribution



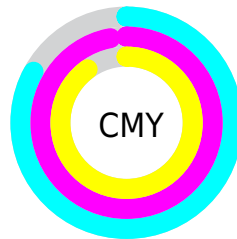
- Red (17%)
- Green (3%)
- Blue (10%)



- Red (17%)
- Yellow (3%)
- Blue (10%)



- Cyan (0%)
- Magenta (81%)
- Yellow (40%)
- Black (83%)



- Cyan (83%)
- Magenta (97%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2820122 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 2820122 by changing the saturation by 10% instead.

 2820122

 2820122

 16771581

 1048576

 5911621

 0

 7555932

 9266037

 11041935

 12883625

 14725572

 16633312

 2820122

 2820122

■ 2819096

■ 2821148

■ 2818070

■ 2822430

■ 2823456

■ 2824482

■ 2825764

■ 2826791

■ 2827817

■ 2828843

■ 2830125

Harmonies

Analogous

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



2166054



2820122



2951176

Triad

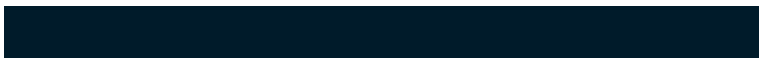
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2820122



1185792



6954

Complementary

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



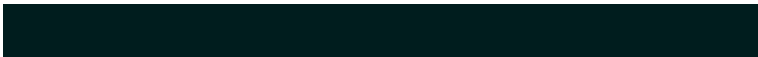
2820122



535321

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.



7454



2820122



6912

Square

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



2820122



2102016



7439



6192

Rectangle

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



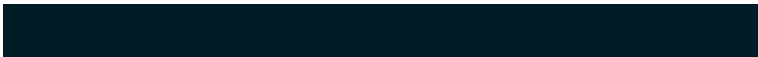
2820122



2886400



7439



7206

Sweetspot

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



2820122



3681074



1640491



1840152



10263708



1842204

Same Dimension

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



2820122



3670301



2820105



1315347



5505067



13893741

Inverse Universe

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



2820122



3670301



535338



1315347



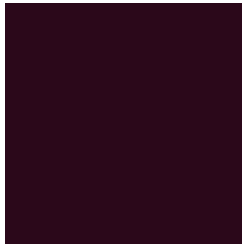
5505067



13893741

Previews

White Background



This preview shows how the Decimal color 2820122 looks on a white background.

Color Contrast Check

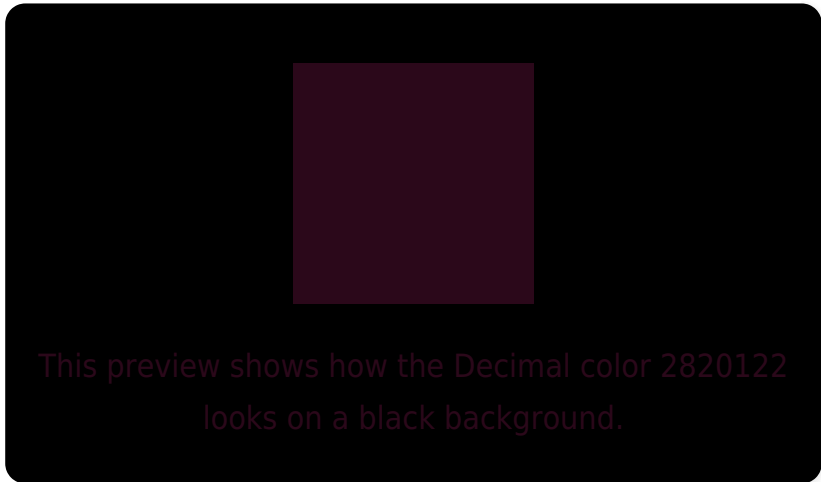
Large Text (above 18pt) WCAG AA ✓ Pass

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

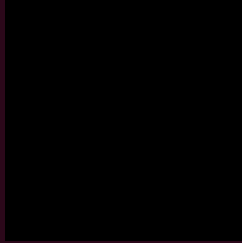
Any Text WCAG AA × Fail

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 2820122 Background



This preview shows how black text looks on a background with the Decimal color 2820122.



This preview shows how white text looks on a background with the Decimal color 2820122.

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](#).

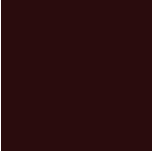
Dichromacy



Original Color
2820122

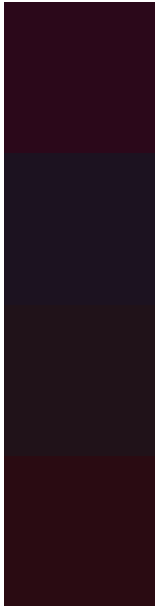
Protanopia
1251108

Deuteranopia
1644312



Tritanopia
275597

Trichromacy



Original Color
2820122

Protanomaly
1839648

Deuteranomaly
2101785

Tritanomaly
2755346

Monochromacy



Original Color
2820122

Achromatopsia
1381653

Achromatomaly
1904663

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2820122 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 #2B081A looks like.

```
.text, #text, p{  
  color:#2B081A  
}
```

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 #2B081A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B081A
}
```

Border

The CSS property to change the border of an element to Decimal 2820122 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
#2B081A }
```

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

```
.border{ border-color:#2B081A }
```

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

Here you see how a box with a 4 pixel #2B081A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B081A; -webkit-box-shadow:4px 4px  
4px 4px #2B081A; box-shadow:4px 4px 4px  
4px #2B081A }
```

Background

The CSS property to change the background color of an element to Decimal 2820122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B081A }
```

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

```
.background{ background-color:#2B081A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor