

# Converting Colors

Decimal(2820117)

Have a look what the booklet for  
Decimal(2820117) contains.

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**Color**

**Decimal(2820117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B0815
RGB	43, 8, 21
RGB Percent	17%, 3%, 8%
CMY	0.8314, 0.9686, 0.9176
CMYK	0.00, 0.81, 0.51, 0.83
HSL	338°, 69%, 10%
HSV	338°, 81%, 17%
XYZ	1.2185, 0.7414, 0.7884
YIQ	19.9470, 16.6870, 11.4630

# Conversions

## Conversions Part 2

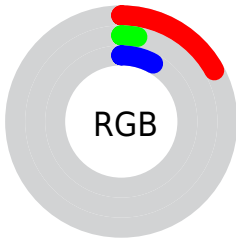
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 8, 21</a>
Decimal	<a href="#">2820117</a>
CIELab	<a href="#">6.70, 19.19, 0.27</a>
CIELCh	<a href="#">7, 19.190, 0.807</a>
Yxy	<a href="#">0.7414, 0.4434, 0.2698</a>
Android (android.graphics.Color)	<a href="#">4281010197 (0xFF2B0815)</a>
YUV	<a href="#">19.9470, 0.5191, 20.2175</a>
Hunter-Lab	<a href="#">8.6105, 10.1909, 0.5989</a>

# Details

The Decimal color **2820117** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **535326**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **5911615**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2819090**, and if you desaturate by 10%, it is **2821144**.

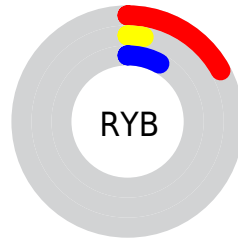
# Distribution



Red (17%)

Green (3%)

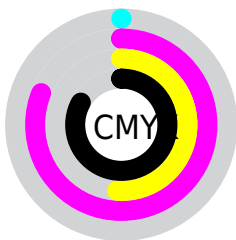
Blue (8%)



Red (17%)

Yellow (3%)

Blue (8%)

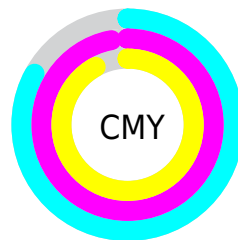


Cyan (0%)

Magenta (81%)

Yellow (51%)

Black (83%)



Cyan (83%)

Magenta (97%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2820117 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 2820117 by changing the saturation by 10% instead.



 2820117

 2820117

 16771574


 851968

 5911615

 0

 7621462

 9331567

 11107464

 12883618

 14791101

 16633049

 2820117

 2820117

■ 2819090

■ 2821144

■ 2818064

■ 2822426

■ 2823453

■ 2824480

■ 2825763

■ 2826789

■ 2827816

■ 2828843

■ 2830125

# Harmonies

## Analogous

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



2362145



2820117



2886145

# Triad

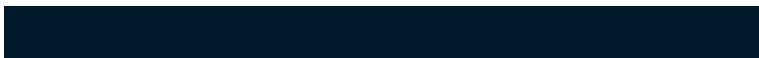
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



282017



792576



6699

# Complementary

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



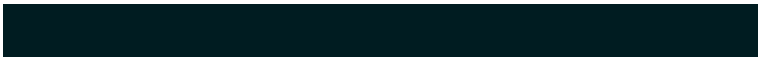
2820117



535326

# 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.



7201



282017



6913

# Square

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



2820117



1774592



7445



5678

# Rectangle

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



2820117



2624768



7445



6952



# Sweetspot

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



2820117



3681072



1968171



1840151



10263708



1842204



# Same Dimension

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



2820117



3670294



2821128



1315347



5505055



13893711



# Inverse Universe

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



2820117



3670294



534315



1315347



5505055

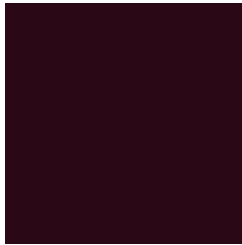


13893711



# Previews

## White Background



This preview shows how the Decimal color 2820117 looks on a white background.

## Color Contrast Check

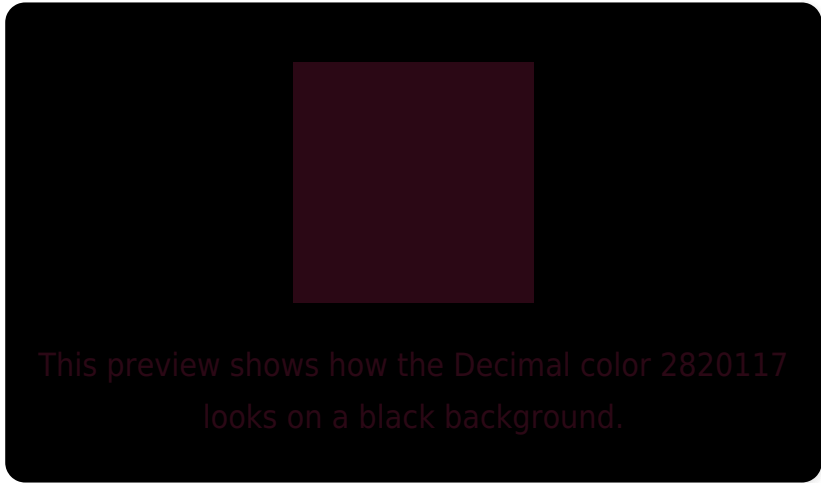
Large Text (above 18pt) WCAG AA ✓ Pass

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

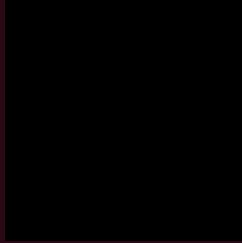
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2820117 Background



This preview shows how black text looks on a background with the Decimal color 2820117.

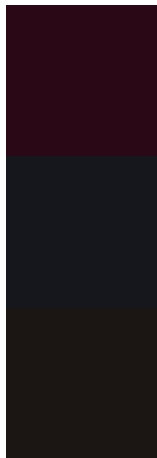


This preview shows how white text looks on a background with the Decimal color 2820117.

# 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**  
2820117

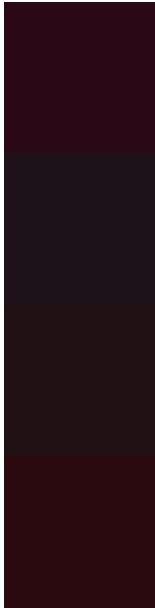
**Protanopia**  
1447709

**Deuteranopia**  
1775123



**Tritanopia**  
2820875

# Trichromacy



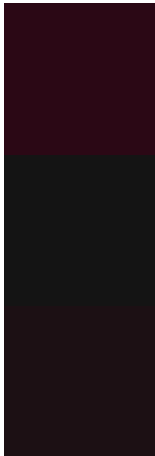
**Original Color**  
2820117

**Protanomaly**  
1970714

**Deuteranomaly**  
2167060

**Tritanomaly**  
2820623

# Monochromacy



**Original Color**  
2820117

**Achromatopsia**  
1315860

**Achromatomaly**  
1839124

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2820117 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 #2B0815 looks like.

```
.text, #text, p{  
    color:#2B0815  
}
```

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 #2B0815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0815
}
```

## Border

The CSS property to change the border of an element to Decimal 2820117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

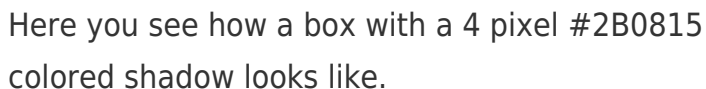
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0815 }
```

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

```
.border{ border-color:#2B0815 }
```

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



Here you see how a box with a 4 pixel #2B0815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0815; -webkit-box-shadow:4px 4px  
4px 4px #2B0815; box-shadow:4px 4px 4px  
4px #2B0815 }
```

# Background

The CSS property to change the background color of an element to Decimal 2820117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0815 }
```

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

```
.background{ background-color:#2B0815 }
```

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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