

# Converting Colors

Decimal(8201027)

Have a look what the booklet for  
Decimal(8201027) contains.

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**Color**

**Decimal(8201027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D2343
RGB	125, 35, 67
RGB Percent	49%, 14%, 26%
CMY	0.5098, 0.8627, 0.7373
CMYK	0.00, 0.72, 0.46, 0.51
HSL	339°, 56%, 31%
HSV	339°, 72%, 49%
XYZ	10.0716, 5.9673, 5.9312
YIQ	65.5580, 43.3680, 29.0320

# Conversions

## Conversions Part 2

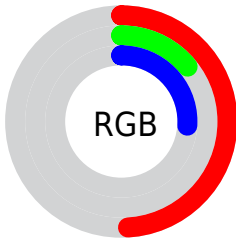
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 35, 67
Decimal	8201027
CIE <sub>Lab</sub>	29.33, 41.22, 2.34
CIE <sub>LCh</sub>	29, 41.284, 3.249
Yxy	5.9673, 0.4584, 0.2716
Android (android.graphics.Color)	4286391107 (0xFF7D2343)
YUV	65.5580, 0.7109, 52.1306
Hunter-Lab	24.4280, 30.8459, 2.7039

# Details

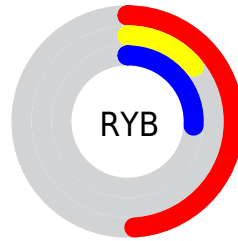
The Decimal color **8201027** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2325853**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **11884403**, and **4653081** is the 20% darker color. If you saturate the color by 10%, you get **8197947**, and if you desaturate by 10%, it is **8204363**.

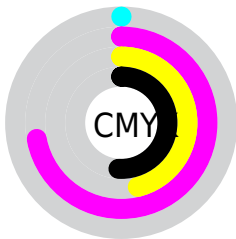
# Distribution



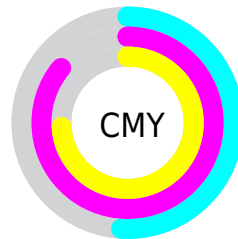
- Red (49%)
- Green (14%)
- Blue (26%)



- Red (49%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (72%)
- Yellow (46%)
- Black (51%)



- Cyan (51%)
- Magenta (86%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8201027 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 8201027 by changing the saturation by 10% instead.



 8201027

 8201027

16777215

 6423085

 11884403

 4653081

 13791628

 3211266

 15764391

 0

 16754626

 16761566

 16769018

 16776447

 8201027

 8201027

8197947

8204363

8194611

8207443

8192044

8210779

8213859

8217195

8220275

8223355

8226691

8229772

# Harmonies

## Analogous

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



7220322



8201027



8006180

# Triad

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



8201027



3165446



20606

# Complementary

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



8201027



2325853

# 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.



21351



8201027



21031

# Square

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



8201027



5326080



21576



18565

# Rectangle

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



8201027



7418897



21576



20856



# Sweetspot

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



8201027



10715020



6038397



5389380



13750737



5395026



# Same Dimension

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



8201027



10688329



8204067



4208956



8388653



0



# Inverse Universe

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



8201027



10688329



2322813



4208956



8388653

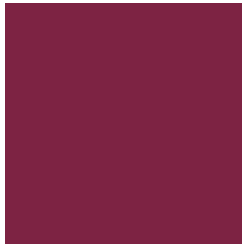


0



# Previews

## White Background



This preview shows how the Decimal color 8201027 looks on a white background.

## Color Contrast Check

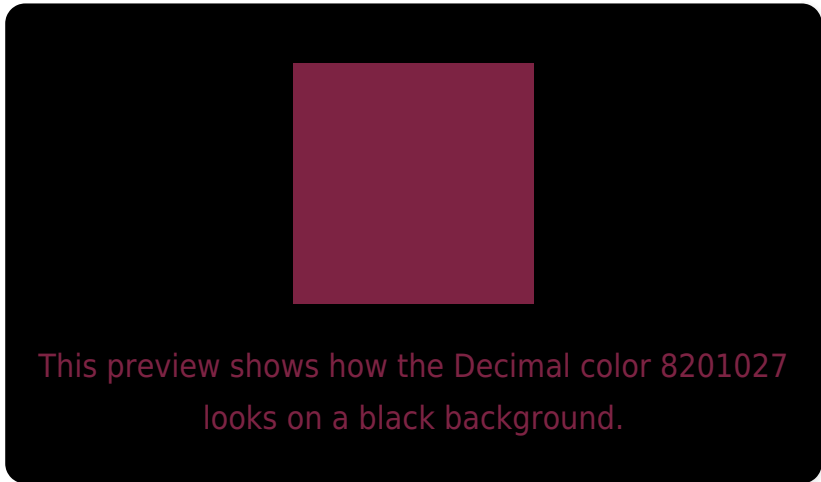
Large Text (above 18pt) WCAG AA ✓ Pass

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 8201027 Background



This preview shows how black text looks on a background with the Decimal color 8201027.



This preview shows how white text looks on a background with the Decimal color 8201027.

# 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**  
8201027

**Protanopia**  
4343383

**Deuteranopia**  
5260351



**Tritanopia**  
8137003

# Trichromacy



**Original Color**  
8201027

**Protanomaly**  
5716304

**Deuteranomaly**  
6305856

**Tritanomaly**  
8136500

# Monochromacy



**Original Color**  
8201027

**Achromatopsia**  
4342338

**Achromatomaly**  
5715778

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8201027 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 #7D2343 looks like.

```
.text, #text, p{  
  color:#7D2343  
}
```

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 #7D2343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2343
}
```

## Border

The CSS property to change the border of an element to Decimal 8201027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

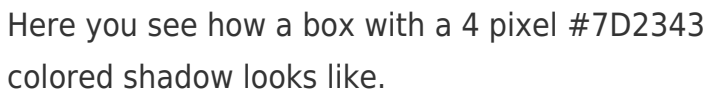
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D2343 }
```

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

```
.border{ border-color:#7D2343 }
```

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



Here you see how a box with a 4 pixel #7D2343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D2343; -webkit-box-shadow:4px 4px  
4px 4px #7D2343; box-shadow:4px 4px 4px  
4px #7D2343 }
```

# Background

The CSS property to change the background color of an element to Decimal 8201027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2343 }
```

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

```
.background{ background-color:#7D2343 }
```

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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