

Converting Colors

Decimal(12386343)

Have a look what the booklet for
Decimal(12386343) contains.

Decimal(12386343)	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(12386343)

Conversions

Conversions Part 1

Format	Color
Hex	BD0027
RGB	189, 0, 39
RGB Percent	74%, 0%, 15%
CMY	0.2588, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.79, 0.26
HSL	348°, 100%, 37%
HSV	348°, 100%, 74%
XYZ	21.3525, 10.9653, 2.9106
YIQ	60.9570, 100.1250, 52.1970

Conversions

Conversions Part 2

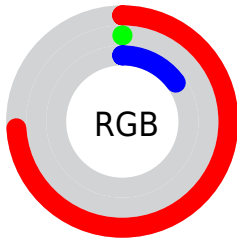
Format	Color
RYB	189, 0, 39
Decimal	12386343
CIELab	39.52, 64.63, 35.93
CIElCh	40, 73.948, 29.068
Yxy	10.9653, 0.6061, 0.3113
Android (android.graphics.Color)	4290576423 (0xFFBD0027)
YUV	60.9570, -10.8248, 112.2937
Hunter-Lab	33.1139, 57.1509, 17.9684

Details

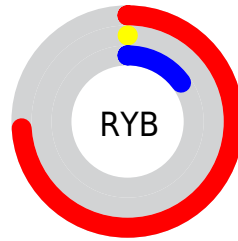
The Decimal color **12386343** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **48534**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **16601684**, and **8257536** is the 20% darker color. If you saturate the color by 10%, you get **12386343**, and if you desaturate by 10%, it is **12391222**.

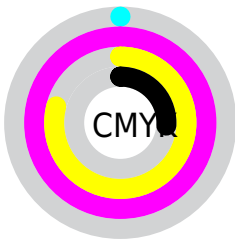
Distribution



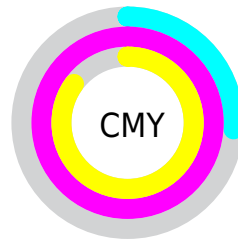
- Red (74%)
- Green (0%)
- Blue (15%)



- Red (74%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (26%)






- Cyan (26%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12386343 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 12386343 by changing the saturation by 10% instead.

 12386343	 12386343
 16777215	 10289170
 16601684	 8257536
 16740205	 6225920
 16747654	 4390915
 16755104	 2162689
 16762555	 0
 16770263	
 16777204	
 12386343	

 12391222

 12396101

 12400980

 12405859

 12410738

 12415361

 12420240

 12425119

 12429998

Harmonies

Analogous

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



12583010



12386343



10567168

Triad

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



12386343



28949



26328

Complementary

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



12386343



48534

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.



29381



12386343



30041

Square

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



12386343



3631616



30103



4738760

Rectangle

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



12386343



8672000



30103



27605

Sweetspot

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



12386343



16100283



9699517



8015447



16448250



8026746

Same Dimension

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



12386343



16056371



12400128



6182231



10354721



2031622

Inverse Universe

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



12386343



16056371



34749



6182231



10354721



2031622

Previews

White Background



This preview shows how the Decimal color 12386343 looks on a white background.

Color Contrast Check

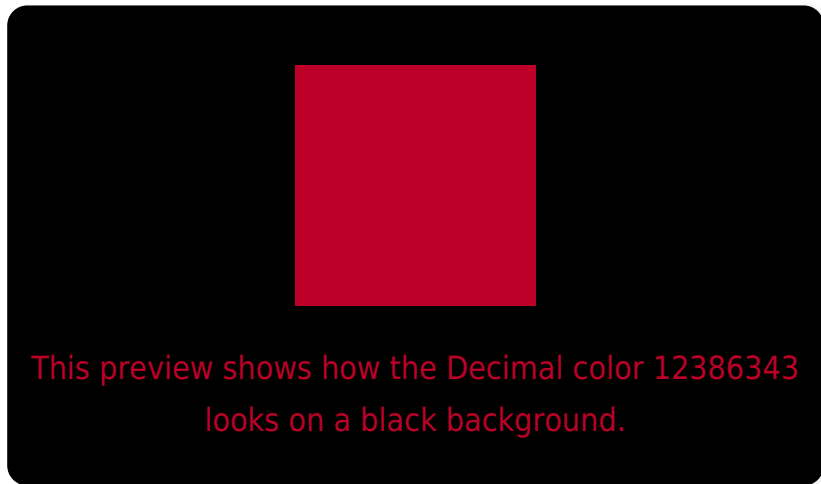
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 12386343 Background



This preview shows how black text looks on a background with the Decimal color 12386343.



This preview shows how white text looks on a background with the Decimal color 12386343.

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
12386343

Protanopia
6840380

Deuteranopia
7887642

Trichromacy



Original Color
12386343

Protanomaly
8863028

Deuteranomaly
9517599

Tritanomaly
12389135

Monochromacy



Original Color
12386343

Achromatopsia
4013373

Achromatomaly
7087925

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12386343 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 #BD0027 looks like.

```
.text, #text, p{  
  color:#BD0027  
}
```

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 #BD0027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0027
}
```

Border

The CSS property to change the border of an element to Decimal 12386343 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".

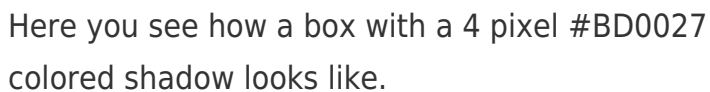
```
.border, #border, table{ border:4px solid
#BD0027 }
```

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

```
.border{ border-color:#BD0027 }
```

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

Here you see how a box with a 4 pixel #BD0027 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0027; -webkit-box-shadow:4px 4px  
4px 4px #BD0027; box-shadow:4px 4px 4px  
4px #BD0027 }
```

Background

The CSS property to change the background color of an element to Decimal 12386343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0027 }
```

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

```
.background{ background-color:#BD0027 }
```

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