

Converting Colors

Decimal(12386309)

Have a look what the booklet for
Decimal(12386309) contains.

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Color

Decimal(12386309)

Conversions

Conversions Part 1

Format	Color
Hex	BD0005
RGB	189, 0, 5
RGB Percent	74%, 0%, 2%
CMY	0.2588, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.97, 0.26
HSL	358°, 100%, 37%
HSV	358°, 100%, 74%
XYZ	21.0137, 10.8298, 1.1264
YIQ	57.0810, 111.0390, 41.6230

Conversions

Conversions Part 2

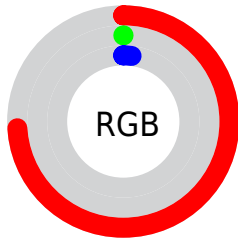
Format	Color
RYB	189, 0, 5
Decimal	12386309
CIELab	39.29, 64.01, 51.75
CIElCh	39, 82.313, 38.957
Yxy	10.8298, 0.6374, 0.3285
Android (android.graphics.Color)	4290576389 (0xFFBD0005)
YUV	57.0810, -25.6759, 115.6930
Hunter-Lab	32.9086, 56.3903, 21.0067

Details

The Decimal color **12386309** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **48568**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **16667190**, and **8192000** is the 20% darker color. If you saturate the color by 10%, you get **12386309**, and if you desaturate by 10%, it is **12391191**.

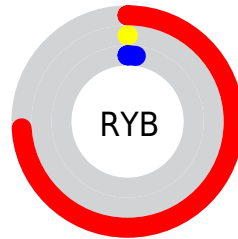
Distribution



Red (74%)

Green (0%)

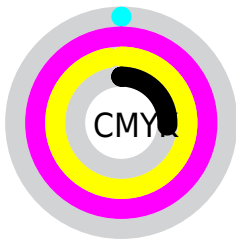
Blue (2%)



Red (74%)

Yellow (0%)

Blue (2%)

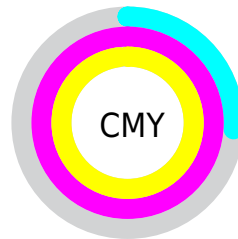


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12386309 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 12386309 by changing the saturation by 10% instead.

 12386309

 12386309


 16777200

 10289152

 16667190

 8192000

 16740175

 6160384

 16747368

 4325379

 16754817

 2097153

 16762268

 0

 16769975

 16777171

 12386309

 12391191

 12396074

 12400956

 12405839

 12410721

 12415347

 12420230

 12425112

 12429995

Harmonies

Analogous

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



13303884



12386309



9848320

Triad

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



12386309



29735



24804

Complementary

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



12386309



48568

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.



29148



12386309



30320

Square

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



12386309



28160



30385



7290311

Rectangle

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



12386309



7625216



30385



26598

Sweetspot

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



12386309



16100269



11993277



8015440



16448250



8026746

Same Dimension

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



12386309



16056326



12408832



6182229



10354692



2031617

Inverse Universe

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



12386309



16056326



26045



6182229



10354692



2031617

Previews

White Background



This preview shows how the Decimal color 12386309 looks on a white background.

Color Contrast Check

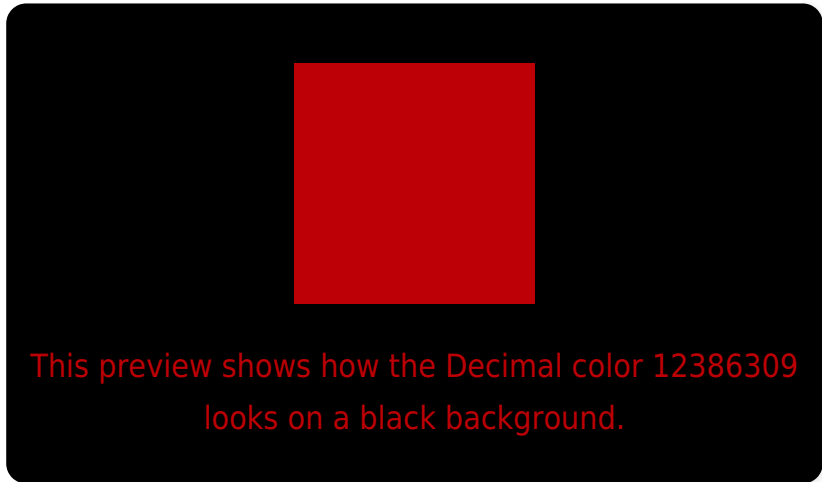
Large Text (above 18pt) WCAG AA ✓ Pass

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 12386309 Background



This preview shows how black text looks on a background with the Decimal color 12386309.



This preview shows how white text looks on a background with the Decimal color 12386309.

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

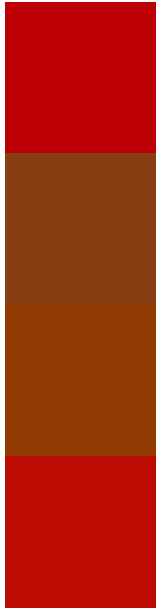


Original Color
12386309

Protanopia
7036953

Deuteranopia
7887616

Trichromacy



Original Color
12386309

Protanomaly
8994066

Deuteranomaly
9517570

Tritanomaly
12323586

Monochromacy



Original Color
12386309

Achromatopsia
3750201

Achromatomaly
6890534

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12386309 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 #BD0005 looks like.

```
.text, #text, p{  
  color:#BD0005  
}
```

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 #BD0005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0005
}
```

Border

The CSS property to change the border of an element to Decimal 12386309 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".

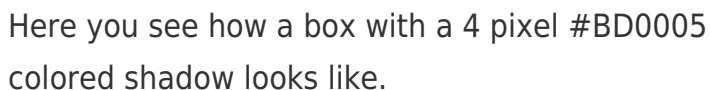
```
.border, #border, table{ border:4px solid
#BD0005 }
```

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

```
.border{ border-color:#BD0005 }
```

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

Here you see how a box with a 4 pixel #BD0005 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0005; -webkit-box-shadow:4px 4px  
4px 4px #BD0005; box-shadow:4px 4px 4px  
4px #BD0005 }
```

Background

The CSS property to change the background color of an element to Decimal 12386309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0005 }
```

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

```
.background{ background-color:#BD0005 }
```

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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