

Converting Colors

Decimal(12386432)

Have a look what the booklet for
Decimal(12386432) contains.

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Color

Decimal(12386432)

Conversions

Conversions Part 1

Format	Color
Hex	BD0080
RGB	189, 0, 128
RGB Percent	74%, 0%, 50%
CMY	0.2588, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.32, 0.26
HSL	319°, 100%, 37%
HSV	319°, 100%, 74%
XYZ	24.8825, 12.3773, 21.4997
YIQ	71.1030, 71.5560, 79.8760

Conversions

Conversions Part 2

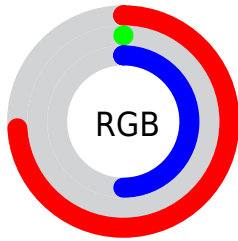
Format	Color
RYB	189, 0, 128
Decimal	12386432
CIELab	41.81, 70.68, -16.79
CIElCh	42, 72.644, 346.636
Yxy	12.3773, 0.4235, 0.2106
Android (android.graphics.Color)	4290576512 (0xFFBD0080)
YUV	71.1030, 28.0502, 103.3957
Hunter-Lab	35.1814, 64.6791, -11.6056

Details

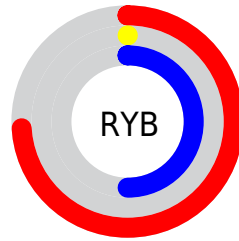
The Decimal color **12386432** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **48445**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **16406197**, and **8519759** is the 20% darker color. If you saturate the color by 10%, you get **12386432**, and if you desaturate by 10%, it is **12391302**.

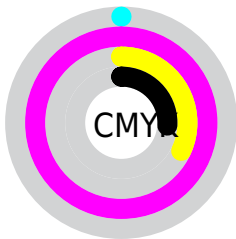
Distribution



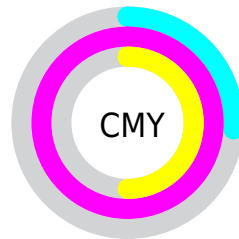
- Red (74%)
- Green (0%)
- Blue (50%)



- Red (74%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12386432 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 12386432 by changing the saturation by 10% instead.



12386432



12386432

16777215



10420327



16406197



8519759



16741329



6619192



16749037



4849698



16756479



3014664



16763903



0



16771583



12386432



12391302

■ 12396172

■ 12401042

■ 12405912

■ 12410782

■ 12415397

■ 12420267

■ 12425137

■ 12430007

Harmonies

Analogous

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



9191094



12386432



13107269

Triad

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



12386432



5925376



31418

Complementary

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



12386432



48445

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.



31619



12386432



29952

Square

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



12386432



9393664



31301



29401

Rectangle

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



12386432



12461598



31301



31657

Sweetspot

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



12386432



16100317



3932349



8015468



16448250



8026746

Same Dimension

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



12386432



16056486



12386339



6182235



10354795



2031637

Inverse Universe

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



12386432



16056486



48538



6182235



10354795



2031637

Previews

White Background



This preview shows how the Decimal color 12386432 looks on a white background.

Color Contrast Check

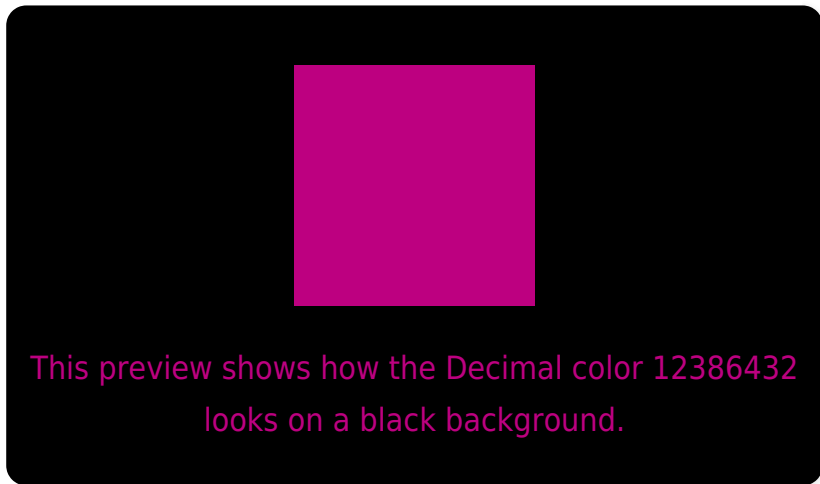
Large Text (above 18pt) WCAG AA ✓ Pass

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

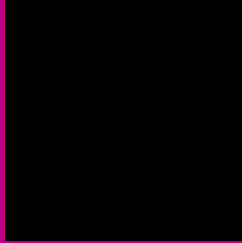
Any Text WCAG AA × Fail

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 12386432 Background



This preview shows how black text looks on a background with the Decimal color 12386432.



This preview shows how white text looks on a background with the Decimal color 12386432.

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



Trichromacy



Original Color

12386432



Protanomaly

7028387



Deuteranomaly

8798074



Tritanomaly

12197968

Monochromacy



Original Color

12386432



Achromatopsia

4671303



Achromatomaly

7482716

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12386432 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 #BD0080 looks like.

```
.text, #text, p{  
  color:#BD0080  
}
```

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 #BD0080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD0080
}
```

Border

The CSS property to change the border of an element to Decimal 12386432 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
#BD0080 }
```

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

```
.border{ border-color:#BD0080 }
```

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

Here you see how a box with a 4 pixel #BD0080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD0080; -webkit-box-shadow:4px 4px  
4px 4px #BD0080; box-shadow:4px 4px 4px  
4px #BD0080 }
```

Background

The CSS property to change the background color of an element to Decimal 12386432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD0080 }
```

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

```
.background{ background-color:#BD0080 }
```

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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