

Converting Colors

Decimal(12386518)

Have a look what the booklet for
Decimal(12386518) contains.

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Color

Decimal(12386518)

Conversions

Conversions Part 1

Format	Color
Hex	BD00D6
RGB	189, 0, 214
RGB Percent	74%, 0%, 84%
CMY	0.2588, 1.0000, 0.1608
CMYK	0.12, 1.00, 0.00, 0.16
HSL	293°, 100%, 42%
HSV	293°, 100%, 84%
XYZ	33.1239, 15.6739, 64.8979
YIQ	80.9070, 43.9500, 106.6220

Conversions

Conversions Part 2

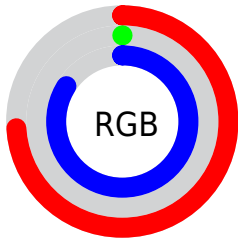
Format	Color
RYB	189, 0, 214
Decimal	12386518
CIELab	46.54, 82.28, -60.48
CIElCh	47, 102.114, 323.681
Yxy	15.6739, 0.2913, 0.1379
Android (android.graphics.Color)	4290576598 (0xFFBD00D6)
YUV	80.9070, 65.6148, 94.7976
Hunter-Lab	39.5902, 80.0623, -69.4774

Details

The Decimal color **12386518** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **1693184**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **16342015**, and **8519838** is the 20% darker color. If you saturate the color by 10%, you get **12386518**, and if you desaturate by 10%, it is **12588502**.

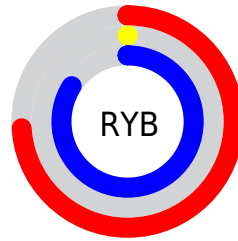
Distribution



Red (74%)

Green (0%)

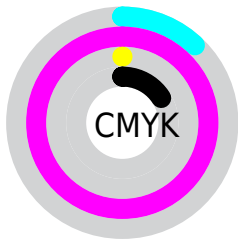
Blue (84%)



Red (74%)

Yellow (0%)

Blue (84%)

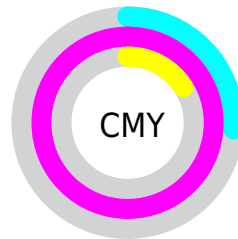


Cyan (12%)

Magenta (100%)

Yellow (0%)

Black (16%)



Cyan (26%)



















Magenta (100%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12386518 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 12386518 by changing the saturation by 10% instead.

 12386518	 12386518
 16777215	 10420410
 16342015	 8519838
 16742911	 6619267
 16750591	 4718697
 16758271	 2883664
 16765951	 131128
 16773631	 545
	 7
	 0

 12386518

 12588502

 12725206

 12927190

 13063894

 13265878

 13402326

 13604566

 13741014

 13943254

Harmonies

Analogous

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



25087



12386518



15990916

Triad

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



12386518



9856256



36530

Complementary

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



12386518



1693184

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.



35929



12386518



4291840

Square

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



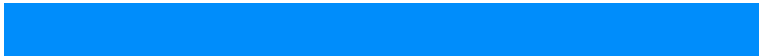
12386518



13774848



34816



36347

Rectangle

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



12386518



16384077



34816



36501

Sweetspot

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



12386518



16167935



7638



8016512



0



8421504

Same Dimension

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



12386518



14745855



14024840



6971499



9896107



2490411

Inverse Universe

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



14024729



16711710



54862



7037026



11206676



2818053

Previews

White Background



This preview shows how the Decimal color 12386518 looks on a white background.

Color Contrast Check

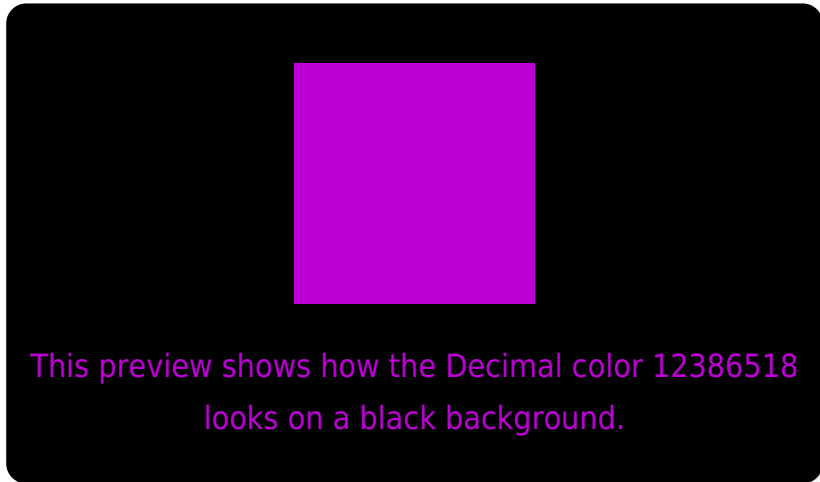
Large Text (above 18pt) WCAG AA ✓ Pass

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

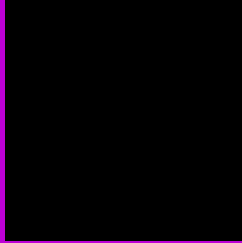
Any Text WCAG AA × Fail

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 12386518 Background



This preview shows how black text looks on a background with the Decimal color 12386518.



This preview shows how white text looks on a background with the Decimal color 12386518.

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
12386518



Protanomaly
4539871



Deuteranomaly
5327310



Tritanomaly
11744647

Monochromacy



Original Color
12386518



Achromatopsia
5329233



Achromatomaly
7877761

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12386518 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 #BD00D6 looks like.

```
.text, #text, p{  
    color:#BD00D6  
}
```

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 #BD00D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD00D6
}
```

Border

The CSS property to change the border of an element to Decimal 12386518 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
#BD00D6 }
```

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

```
.border{ border-color:#BD00D6 }
```

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

Here you see how a box with a 4 pixel #BD00D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD00D6; -webkit-box-shadow:4px 4px  
4px 4px #BD00D6; box-shadow:4px 4px 4px  
4px #BD00D6 }
```

Background

The CSS property to change the background color of an element to Decimal 12386518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD00D6 }
```

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

```
.background{ background-color:#BD00D6 }
```

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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