

Converting Colors

Decimal(12396186)

Have a look what the booklet for
Decimal(12396186) contains.

Decimal(12396186)	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(12396186)

Conversions

Conversions Part 1

Format	Color
Hex	BD269A
RGB	189, 38, 154
RGB Percent	74%, 15%, 60%
CMY	0.2588, 0.8510, 0.3961
CMYK	0.00, 0.80, 0.19, 0.26
HSL	314°, 67%, 45%
HSV	314°, 80%, 74%
XYZ	27.5121, 14.5381, 31.9279
YIQ	96.3730, 52.7600, 68.0880

Conversions

Conversions Part 2

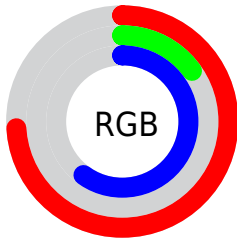
Format	Color
R_{YB}	189, 38, 154
Decimal	12396186
CIE _{Lab}	45.00, 67.84, -27.71
CIE _{LCh}	45, 73.280, 337.783
Yxy	14.5381, 0.3719, 0.1965
Android (android.graphics.Color)	4290586266 (0xFFBD269A)
YUV	96.3730, 28.4101, 81.2339
Hunter-Lab	38.1289, 62.0720, -22.9573

Details

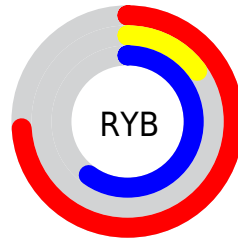
The Decimal color **12396186** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2538825**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **16344529**, and **8585318** is the 20% darker color. If you saturate the color by 10%, you get **12391318**, and if you desaturate by 10%, it is **12401054**.

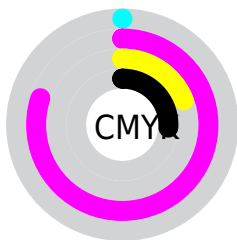
Distribution



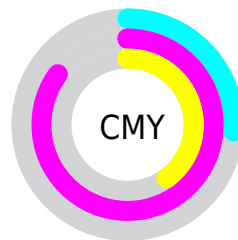
- Red (74%)
- Green (15%)
- Blue (60%)



- Red (74%)
- Yellow (15%)
- Blue (60%)



- Cyan (0%)
- Magenta (80%)
- Yellow (19%)
- Black (26%)



- Cyan (26%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12396186 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 12396186 by changing the saturation by 10% instead.

 12396186

 12396186

16777215

 10485888

 16344529

 8585318

 16745197

 6750286

 16752639

 4980791

 16760063

 3211297

 16767487

 393221

 16775167

 0

 12396186

 12396186

 12391318

 12401054

■ 12386449

■ 12405923

■ 12410791

■ 12415660

■ 12420272

■ 12425140

■ 12430009

■ 12434877

■ 12439745

Harmonies

Analogous

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



8147404



12396186



13828189

Triad

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



12396186



7630080



33717

Complementary

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



12396186



2538825

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.



33913



12396186



2915072

Square

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



12396186



10835456



33081



32221

Rectangle

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



12396186



13508918



33081



33954

Sweetspot

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



12396186



16104167



4662973



8017778



16448250



8026746

Same Dimension

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



12396186



16059070



12396113



6182236



10354809



2031640

Inverse Universe

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



12396186



16059070



2538898



6182236



10354809



2031640

Previews

White Background



This preview shows how the Decimal color 12396186 looks on a white background.

Color Contrast Check

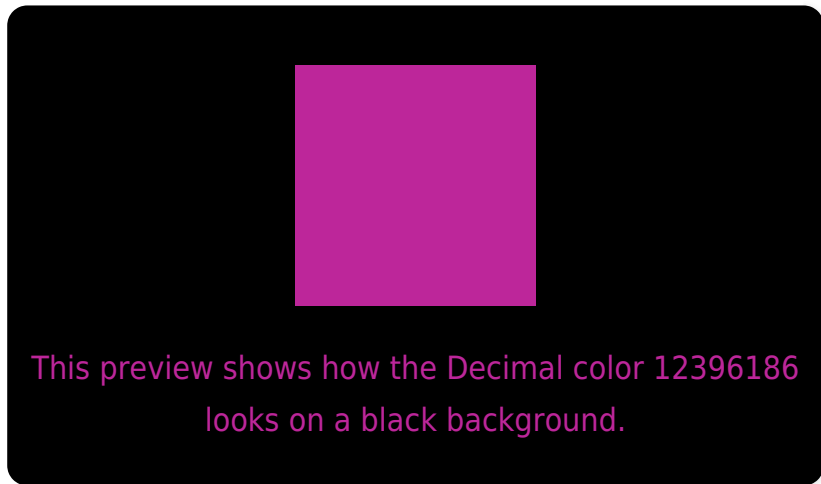
Large Text (above 18pt) WCAG AA ✓ Pass

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 12396186 Background



This preview shows how black text looks on a background with the Decimal color 12396186.



This preview shows how white text looks on a background with the Decimal color 12396186.

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

12396186



Protanomaly

6508732



Deuteranomaly

8540564



Tritanomaly

12138854

Monochromacy



Original Color

12396186



Achromatopsia

6316128



Achromatomaly

8538997

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12396186 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 #BD269A looks like.

```
.text, #text, p{  
    color:#BD269A  
}
```

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 #BD269A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD269A
}
```

Border

The CSS property to change the border of an element to Decimal 12396186 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
#BD269A }
```

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

```
.border{ border-color:#BD269A }
```

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

Here you see how a box with a 4 pixel #BD269A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD269A; -webkit-box-shadow:4px 4px  
4px 4px #BD269A; box-shadow:4px 4px 4px  
4px #BD269A }
```

Background

The CSS property to change the background color of an element to Decimal 12396186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD269A }
```

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

```
.background{ background-color:#BD269A }
```

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