

Converting Colors

Decimal(12847768)

Have a look what the booklet for
Decimal(12847768) contains.

Decimal(12847768)	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(12847768)

Conversions

Conversions Part 1

Format	Color
Hex	C40A98
RGB	196, 10, 152
RGB Percent	77%, 4%, 60%
CMY	0.2314, 0.9608, 0.4039
CMYK	0.00, 0.95, 0.22, 0.23
HSL	314°, 90%, 40%
HSV	314°, 95%, 77%
XYZ	28.5410, 14.2198, 30.9462
YIQ	81.8020, 65.2740, 83.5940

Conversions

Conversions Part 2

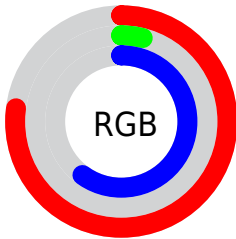
Format	Color
R_{YB}	196, 10, 152
Decimal	12847768
CIE _{Lab}	44.55, 73.85, -27.11
CIE _{LCh}	45, 78.662, 339.844
Yxy	14.2198, 0.3872, 0.1929
Android (android.graphics.Color)	4291037848 (0xFFC40A98)
YUV	81.8020, 34.6076, 100.1516
Hunter-Lab	37.7092, 69.1103, -22.2601

Details

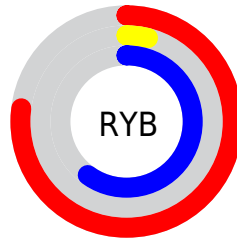
The Decimal color **12847768** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **705590**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16735183**, and **8978533** is the 20% darker color. If you saturate the color by 10%, you get **12845206**, and if you desaturate by 10%, it is **12852893**.

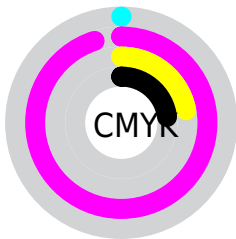
Distribution



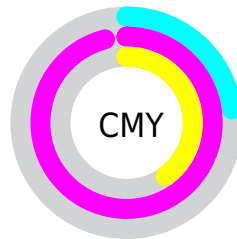
- Red (77%)
- Green (4%)
- Blue (60%)



- Red (77%)
- Yellow (4%)
- Blue (60%)



- Cyan (0%)
- Magenta (95%)
- Yellow (22%)
- Black (23%)



- Cyan (23%)
- Magenta (96%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12847768 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 12847768 by changing the saturation by 10% instead.

 12847768

 12847768

16777215

 10879102

 16735183

 8978533

 16742891

 7077964

 16750335

 5242933

 16758015

 3473440

 16765439

 1114113

 16773119

 0

 12847768

 12847768

 12845206

 12852893

 12857761

 12862886

 12867755

 12872879

 12878004

 12882872

 12887997

 12892866

Harmonies

Analogous

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



8539088



12847768



14155863

Triad

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



12847768



7237120



33725

Complementary

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



12847768



705590

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.



33918



12847768



1145600

Square

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



12847768



10769664



33080



32230

Rectangle

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



12847768



13766957



33080



33962

Sweetspot

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



12847768



16759022



3476164



8410229



0



8421504

Same Dimension

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



12847768



16711875



12847676



6379359



10551419



2162713

Inverse Universe

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



12847768



16711875



705682



6379359



10551419



2162713

Previews

White Background



This preview shows how the Decimal color 12847768 looks on a white background.

Color Contrast Check

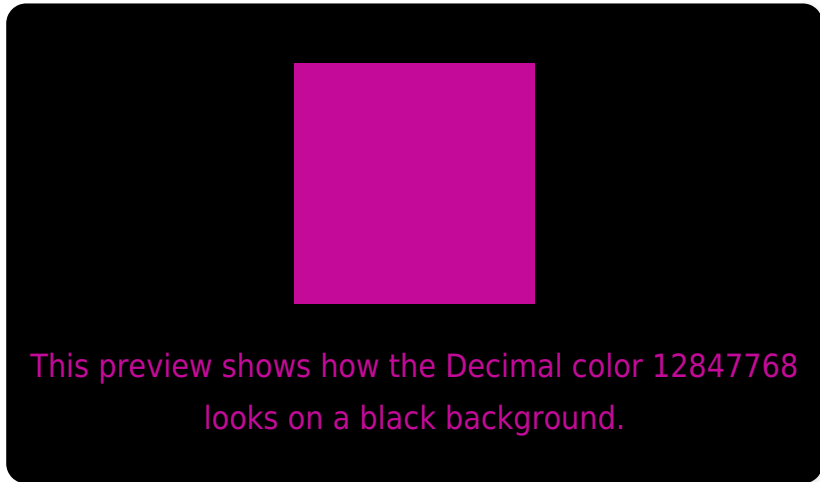
Large Text (above 18pt) WCAG AA ✓ Pass

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

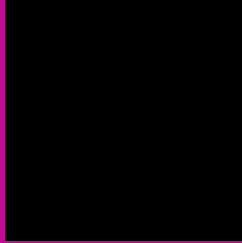
Any Text WCAG AA × Fail

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 12847768 Background



This preview shows how black text looks on a background with the Decimal color 12847768.



This preview shows how white text looks on a background with the Decimal color 12847768.

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

12847768



Protanomaly

5916096



Deuteranomaly

8799890



Tritanomaly

12593760

Monochromacy



Original Color

12847768



Achromatopsia

5395026



Achromatomaly

8075371

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12847768 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 #C40A98 looks like.

```
.text, #text, p{  
    color:#C40A98  
}
```

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 #C40A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40A98
}
```

Border

The CSS property to change the border of an element to Decimal 12847768 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
#C40A98 }
```

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

```
.border{ border-color:#C40A98 }
```

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

Here you see how a box with a 4 pixel #C40A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40A98; -webkit-box-shadow:4px 4px  
4px 4px #C40A98; box-shadow:4px 4px 4px  
4px #C40A98 }
```

Background

The CSS property to change the background color of an element to Decimal 12847768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40A98 }
```

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

```
.background{ background-color:#C40A98 }
```

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