

# Converting Colors

Decimal(12787874)

Have a look what the booklet for  
Decimal(12787874) contains.

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**Color**

**Decimal(12787874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C320A2
RGB	195, 32, 162
RGB Percent	76%, 13%, 64%
CMY	0.2353, 0.8745, 0.3647
CMYK	0.00, 0.84, 0.17, 0.24
HSL	312°, 72%, 45%
HSV	312°, 84%, 76%
XYZ	29.5438, 15.2438, 35.5676
YIQ	95.5570, 55.4180, 74.9860

# Conversions

## Conversions Part 2

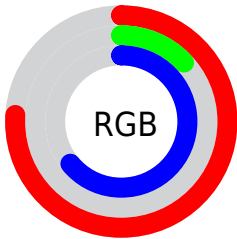
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 32, 162
Decimal	12787874
CIE Lab	45.97, 71.60, -30.90
CIE LCh	46, 77.986, 336.656
Yxy	15.2438, 0.3677, 0.1897
Android (android.graphics.Color)	4290977954 (0xFFC320A2)
YUV	95.5570, 32.7564, 87.2115
Hunter-Lab	39.0433, 66.7441, -26.6817

# Details

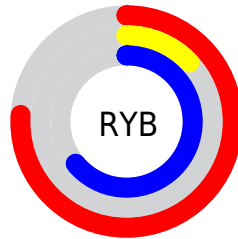
The Decimal color **12787874** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **2147137**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **16737241**, and **8978542** is the 20% darker color. If you saturate the color by 10%, you get **12782750**, and if you desaturate by 10%, it is **12792742**.

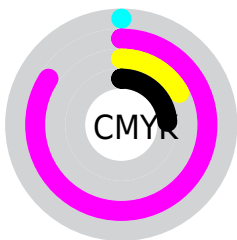
# Distribution



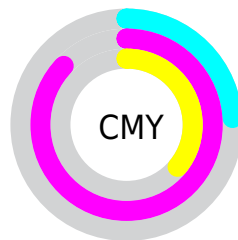
- Red (76%)
- Green (13%)
- Blue (64%)



- Red (76%)
- Yellow (13%)
- Blue (64%)



- Cyan (0%)
- Magenta (84%)
- Yellow (17%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12787874 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 12787874 by changing the saturation by 10% instead.



 12787874

 12787874

16777215

 10879112

 16737241

 8978542

 16744950

 7077973

 16752383

 5242941

 16759807

 3538983

 16767231

 1245200

 16774911

 0

 12787874

 12787874

 12782750

 12792742

■ 12779676

■ 12797866

■ 12802990

■ 12807858

■ 12812982

■ 12817850

■ 12822974

■ 12827842

■ 12832710

# Harmonies

## Analogous

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



8016855



12787874



14352481

# Triad

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



12787874



7892736



34746

# Complementary

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



12787874



2147137

# 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.



34938



12787874



2850304

# Square

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



12787874



11293952



34101



33254

# Rectangle

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



12787874



14095159



34101



34982



# Sweetspot

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



12787874



16563696



4268227



8411512



0



8421504



# Same Dimension

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



12787874



16515273



12787793



6379359



10551424



2162714



# Inverse Universe

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



12787874



16515273



2147218



6379359



10551424



2162714



# Previews

## White Background



This preview shows how the Decimal color 12787874 looks on a white background.

## Color Contrast Check

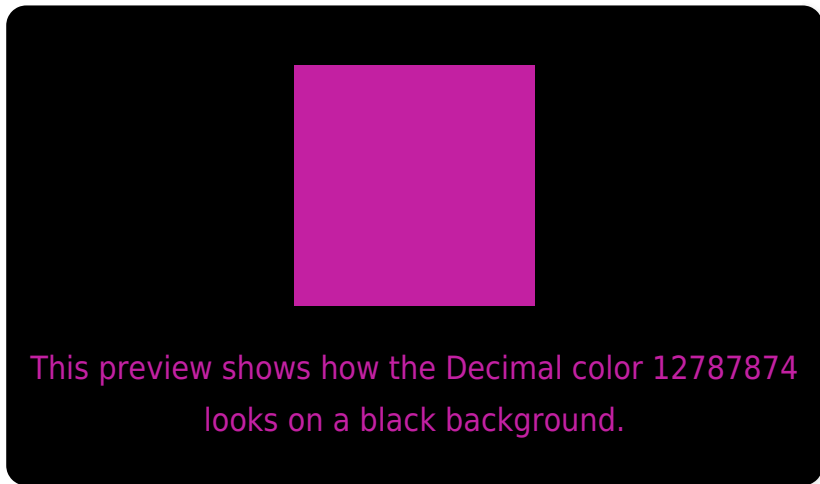
Large Text (above 18pt) WCAG AA ✓ Pass

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 12787874 Background



This preview shows how black text looks on a background with the Decimal color 12787874.

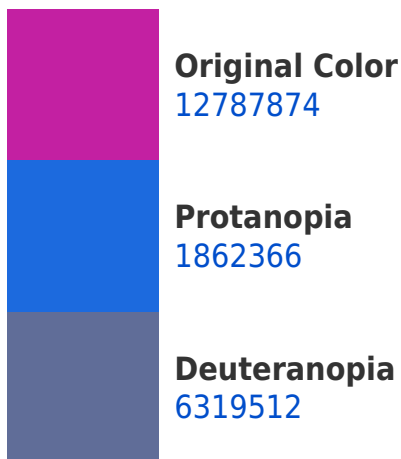


This preview shows how white text looks on a background with the Decimal color 12787874.

# 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**

12787874



**Protanomaly**

5853128



**Deuteranomaly**

8671644



**Tritanomaly**

12466281

# Monochromacy



**Original Color**

12787874



**Achromatopsia**

6316128



**Achromatomaly**

8669560

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12787874 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 #C320A2 looks like.

```
.text, #text, p{  
    color:#C320A2  
}
```

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 #C320A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C320A2
}
```

## Border

The CSS property to change the border of an element to Decimal 12787874 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
#C320A2 }
```

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

```
.border{ border-color:#C320A2 }
```

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

Here you see how a box with a 4 pixel #C320A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C320A2; -webkit-box-shadow:4px 4px  
4px 4px #C320A2; box-shadow:4px 4px 4px  
4px #C320A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12787874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C320A2 }
```

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

```
.background{ background-color:#C320A2 }
```

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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