

# Converting Colors

Decimal(12320900)

Have a look what the booklet for  
Decimal(12320900) contains.

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**Color**

**Decimal(12320900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC0084
RGB	188, 0, 132
RGB Percent	74%, 0%, 52%
CMY	0.2627, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.30, 0.26
HSL	318°, 100%, 37%
HSV	318°, 100%, 74%
XYZ	24.9039, 12.3573, 22.9024
YIQ	71.2600, 69.6760, 80.9080

# Conversions

## Conversions Part 2

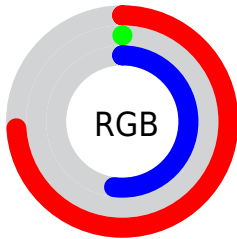
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 0, 132
Decimal	12320900
CIELab	41.78, 70.90, -19.32
CIELCh	42, 73.489, 344.754
Yxy	12.3573, 0.4139, 0.2054
Android (android.graphics.Color)	4290510980 (0xFFBC0084)
YUV	71.2600, 29.9448, 102.3810
Hunter-Lab	35.1530, 64.9395, -14.0208

# Details

The Decimal color **12320900** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **48184**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **16275129**, and **8454226** is the 20% darker color. If you saturate the color by 10%, you get **12320900**, and if you desaturate by 10%, it is **12325770**.

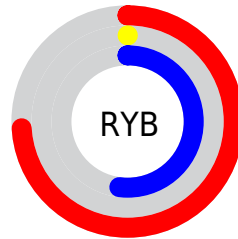
# Distribution



Red (74%)

Green (0%)

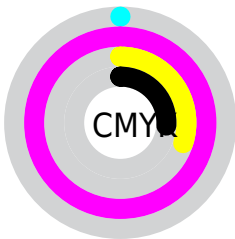
Blue (52%)



Red (74%)

Yellow (0%)

Blue (52%)

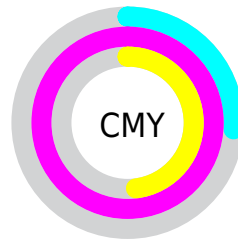


Cyan (0%)

Magenta (100%)

Yellow (30%)

Black (26%)



Cyan (26%)

Magenta (100%)


Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12320900 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 12320900 by changing the saturation by 10% instead.





 12320900       12320900


16777215       10354795

 16275129       8454226

 16741333       6619195

 16749041       4849701

 16756479       2949134

 16763903       0

 16771583

 12320900

 12325770

■ 12330639

■ 12335253

■ 12340122

■ 12344992

■ 12349862

■ 12354731

■ 12359345

■ 12364214

# Harmonies

## Analogous

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



8863930



12320900



13172808

# Triad

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



12320900



6187264



31416

# Complementary

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



12320900



48184

# 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.



31616



12320900



29696

# Square

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



12320900



9589760



31296



29657

# Rectangle

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



12320900



12591137



31296



31655



# Sweetspot

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



12320900



16100319



3473596



8015469



16448250



8026746



# Same Dimension

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



12320900



16056492



12320809



6182236



10354799



2031637



# Inverse Universe

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



12320900



16056492



48275



6182236



10354799



2031637



# Previews

## White Background



This preview shows how the Decimal color 12320900 looks on a white background.

## Color Contrast Check

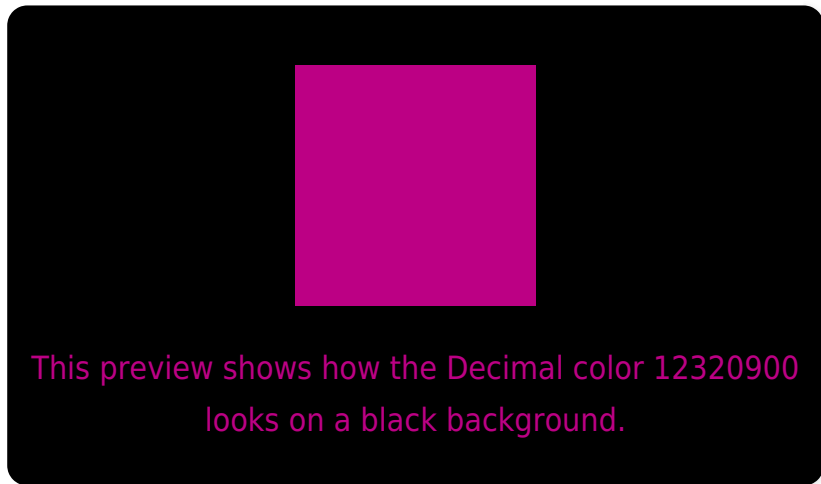
Large Text (above 18pt) WCAG AA ✓ Pass

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

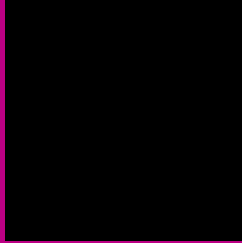
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12320900 Background



This preview shows how black text looks on a background with the Decimal color 12320900.



This preview shows how white text looks on a background with the Decimal color 12320900.

# 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**  
12320900



**Protanomaly**  
6766248



**Deuteranomaly**  
8667006



**Tritanomaly**  
12132690

# Monochromacy



**Original Color**  
12320900



**Achromatopsia**  
4671303



**Achromatomaly**  
7482717

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12320900 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 #BC0084 looks like.

```
.text, #text, p{  
  color:#BC0084  
}
```

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 #BC0084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC0084
}
```

## Border

The CSS property to change the border of an element to Decimal 12320900 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
#BC0084 }
```

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

```
.border{ border-color:#BC0084 }
```

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

Here you see how a box with a 4 pixel #BC0084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC0084; -webkit-box-shadow:4px 4px  
4px 4px #BC0084; box-shadow:4px 4px 4px  
4px #BC0084 }
```

# Background

The CSS property to change the background color of an element to Decimal 12320900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC0084 }
```

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

```
.background{ background-color:#BC0084 }
```

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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