

# Converting Colors

Decimal(12006288)

Have a look what the booklet for  
Decimal(12006288) contains.

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# Color

**Decimal(12006288)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B73390
RGB	183, 51, 144
RGB Percent	72%, 20%, 56%
CMY	0.2824, 0.8000, 0.4353
CMYK	0.00, 0.72, 0.21, 0.28
HSL	318°, 56%, 46%
HSV	318°, 72%, 72%
XYZ	25.7463, 14.4485, 27.8174
YIQ	101.0700, 48.8190, 56.9070

# Conversions

## Conversions Part 2

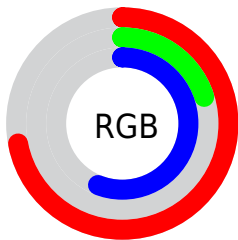
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 51, 144
Decimal	12006288
CIE <sub>Lab</sub>	44.87, 61.15, -21.96
CIE <sub>LCh</sub>	45, 64.971, 340.246
Yxy	14.4485, 0.3786, 0.2124
Android (android.graphics.Color)	4290196368 (0xFFB73390)
YUV	101.0700, 21.1645, 71.8526
Hunter-Lab	38.0112, 54.3844, -16.7818

# Details

The Decimal color **12006288** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3389274**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **15887814**, and **8257629** is the 20% darker color. If you saturate the color by 10%, you get **12001675**, and if you desaturate by 10%, it is **12010901**.

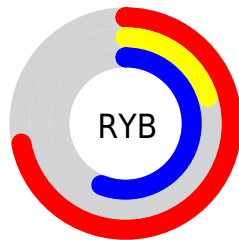
# Distribution



Red (72%)

Green (20%)

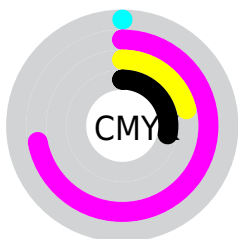
Blue (56%)



Red (72%)

Yellow (20%)

Blue (56%)

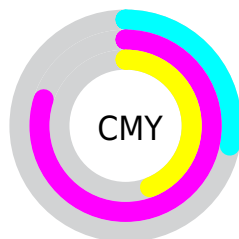


Cyan (0%)

Magenta (72%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (80%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12006288 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 12006288 by changing the saturation by 10% instead.



 12006288

 12006288

16777215

 10095478

 15887814

 8257629

 16746978

 6422598

 16754175

 4653103

 16761599

 2949146

 16769023

 0

 16776703

 12006288

 12006288

 12001675

 12010901

■ 11996805

■ 12015771

■ 11993217

■ 12020384

■ 12024998

■ 12029867

■ 12034480

■ 12039094

■ 12043707

■ 12048577

# Harmonies

## Analogous

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



8540862



12006288



13117018

# Triad

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



12006288



7368192



33199

# Complementary

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



12006288



3389274

# 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.



33404



12006288



3242496

# Square

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



12006288



10312192



32835



31441

# Rectangle

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



12006288



12793143



32835



33184



# Sweetspot

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



12006288



15579614



5780407



7887215



16250871



7895160



# Same Dimension

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



12006288



15540144



12006224



6050649



10223726



1835028



# Inverse Universe

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



12006288



15540144



3389338



6050649



10223726



1835028



# Previews

## White Background



This preview shows how the Decimal color 12006288 looks on a white background.

## Color Contrast Check

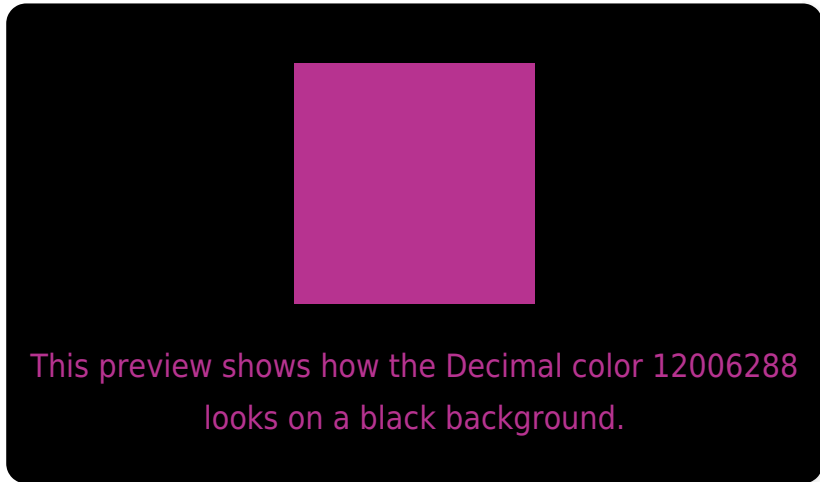
Large Text (above 18pt) WCAG AA ✓ Pass

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

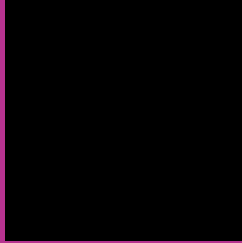
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12006288 Background



This preview shows how black text looks on a background with the Decimal color 12006288.

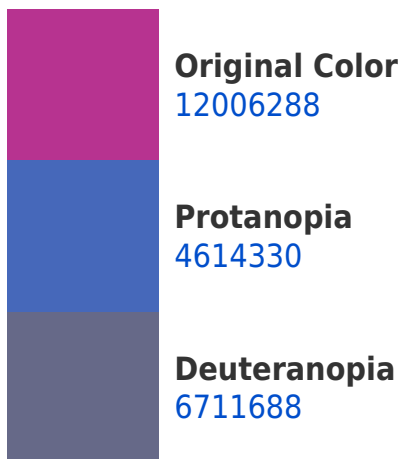



This preview shows how white text looks on a background with the Decimal color 12006288.

# 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





**Tritanopia**  
11618380

# Trichromacy



**Original Color**  
12006288



**Protanomaly**  
7296427



**Deuteranomaly**  
8607115



**Tritanomaly**  
11747429

# Monochromacy



**Original Color**  
12006288



**Achromatopsia**  
6645093



**Achromatomaly**  
8606581

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12006288 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 #B73390 looks like.

```
.text, #text, p{  
  color:#B73390  
}
```

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 #B73390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73390
}
```

## Border

The CSS property to change the border of an element to Decimal 12006288 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
#B73390 }
```

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

```
.border{ border-color:#B73390 }
```

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

Here you see how a box with a 4 pixel #B73390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73390; -webkit-box-shadow:4px 4px  
4px 4px #B73390; box-shadow:4px 4px 4px  
4px #B73390 }
```

# Background

The CSS property to change the background color of an element to Decimal 12006288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73390 }
```

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

```
.background{ background-color:#B73390 }
```

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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