

# Converting Colors

Decimal(12215699)

Have a look what the booklet for  
Decimal(12215699) contains.

<b>Decimal(12215699)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(12215699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6593
RGB	186, 101, 147
RGB Percent	73%, 40%, 58%
CMY	0.2706, 0.6039, 0.4235
CMYK	0.00, 0.46, 0.21, 0.27
HSL	328°, 38%, 56%
HSV	328°, 46%, 73%
XYZ	30.1698, 21.8530, 30.2317
YIQ	131.6590, 35.8940, 32.3260

# Conversions

## Conversions Part 2

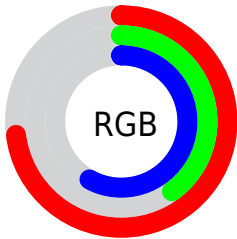
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	186, 101, 147
Decimal	12215699
CIE Lab	53.87, 39.91, -10.01
CIE LCh	54, 41.143, 345.920
Yxy	21.8530, 0.3668, 0.2657
Android (android.graphics.Color)	4290405779 (0xFFBA6593)
YUV	131.6590, 7.5631, 47.6571
Hunter-Lab	46.7472, 33.3931, -5.6201

# Details

The Decimal color **12215699** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6666892**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16030409**, and **8598112** is the 20% darker color. If you saturate the color by 10%, you get **12210826**, and if you desaturate by 10%, it is **12220572**.

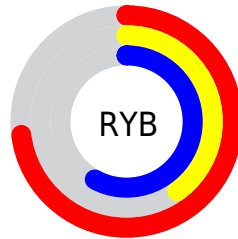
# Distribution



Red (73%)

Green (40%)

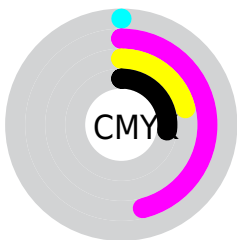
Blue (58%)



Red (73%)

Yellow (40%)

Blue (58%)

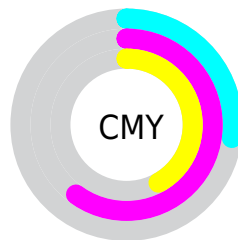


Cyan (0%)

Magenta (46%)

Yellow (21%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12215699 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 12215699 by changing the saturation by 10% instead.



 12215699

 12215699

16777215

 10374009

 16030409

 8598112

 16758245

 6821961

 16765695

 5111858

 16772863

 3538973

 1769473

 0

 12215699

 12215699

 12210826

 12220572

12206210

12225188

12201337

12230061

12196721

12234677

12191848

12239550

12189797

12244422

12249039

12253911

12255200

# Harmonies

## Analogous

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



10252466



12215699



12870511

# Triad

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



12215699



8619322



37043

# Complementary

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



12215699



6666892

# 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.



37779



12215699



5999950

# Square

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



12215699



10778939



1938030



35269

# Rectangle

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



12215699



12609625



1938030



37545



# Sweetspot

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



12215699



15913187



9135546



8021617



16448250



8026746



# Same Dimension

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



12215699



15887797



12215657



6050648



10223700



1835023



# Inverse Universe

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



12215699



15887797



6666934



6050648



10223700

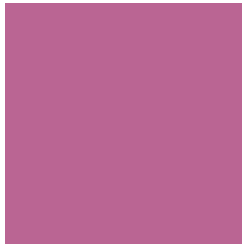


1835023



# Previews

## White Background



This preview shows how the Decimal color 12215699 looks on a white background.

## Color Contrast Check

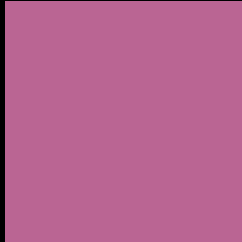
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12215699 looks on a black 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

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



## Decimal 12215699 Background



This preview shows how black text looks on a background with the Decimal color 12215699.



This preview shows how white text looks on a background with the Decimal color 12215699.

# 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**  
12215699

**Protanomaly**  
9467550

**Deuteranomaly**  
10122640

**Tritanomaly**  
12085631

# Monochromacy



**Original Color**  
12215699

**Achromatopsia**  
8684676

**Achromatomaly**  
9992585

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12215699 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 #BA6593 looks like.

```
.text, #text, p{  
    color:#BA6593  
}
```

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 #BA6593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6593
}
```

## Border

The CSS property to change the border of an element to Decimal 12215699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

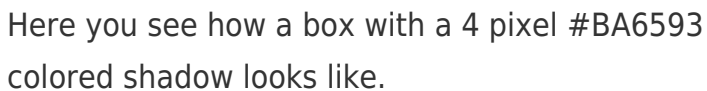
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA6593 }
```

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

```
.border{ border-color:#BA6593 }
```

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



Here you see how a box with a 4 pixel #BA6593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6593; -webkit-box-shadow:4px 4px  
4px 4px #BA6593; box-shadow:4px 4px 4px  
4px #BA6593 }
```

# Background

The CSS property to change the background color of an element to Decimal 12215699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6593 }
```

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

```
.background{ background-color:#BA6593 }
```

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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