

Converting Colors

Decimal(12217993)

Have a look what the booklet for
Decimal(12217993) contains.

Decimal(12217993)	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(12217993)

Conversions

Conversions Part 1

Format	Color
Hex	BA6E89
RGB	186, 110, 137
RGB Percent	73%, 43%, 54%
CMY	0.2706, 0.5686, 0.4627
CMYK	0.00, 0.41, 0.26, 0.27
HSL	339°, 36%, 58%
HSV	339°, 41%, 73%
XYZ	30.3410, 23.3971, 26.5839
YIQ	135.8020, 36.6290, 24.5090

Conversions

Conversions Part 2

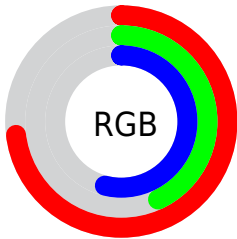
Format	Color
R_{YB}	186, 110, 137
Decimal	12217993
CIE _{Lab}	55.48, 33.62, -1.76
CIE _{LCh}	55, 33.664, 357.000
Yxy	23.3971, 0.3777, 0.2913
Android (android.graphics.Color)	4290408073 (0xFFBA6E89)
YUV	135.8020, 0.5906, 44.0236
Hunter-Lab	48.3706, 27.3177, 1.2743

Details

The Decimal color **12217993** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **7256735**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16032702**, and **8600663** is the 20% darker color. If you saturate the color by 10%, you get **12213117**, and if you desaturate by 10%, it is **12222869**.

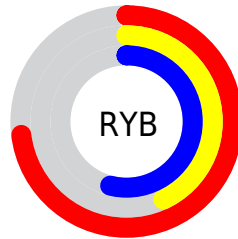
Distribution



Red (73%)

Green (43%)

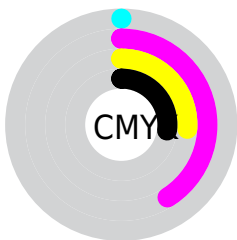
Blue (54%)



Red (73%)

Yellow (43%)

Blue (54%)

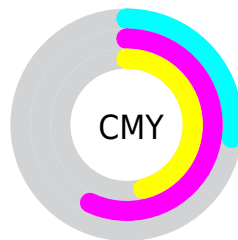


Cyan (0%)

Magenta (41%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12217993 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 12217993 by changing the saturation by 10% instead.

 12217993

 12217993

16777215

 10376560

 16032702

 8600663

 16760538

 6825024

 16767991

 5114154

 16775167

 3538966

 1769473

 0

 12217993

 12217993

 12213117

 12222869

12208497

12227489

12203621

12232365

12199001

12236985

12194125

12241861

12189762

12246737

12251357

12255209

12255221

Harmonies

Analogous

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



10974373



12217993



12415084

Triad

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



12217993



8227664



889013

Complementary

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



12217993



7256735

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.



38046



12217993



5935460

Square

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



12217993



10125898



3118209



5474751

Rectangle

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



12217993



11957595



3118209



37551

Sweetspot

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



12217993



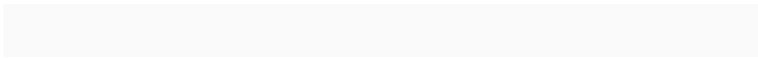
15914464



10383034



8022383



16448250



8026746

Same Dimension

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



12217993



15891622



12220526



6050646



10223671



1835018

Inverse Universe

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



12217993



15891622



7254202



6050646



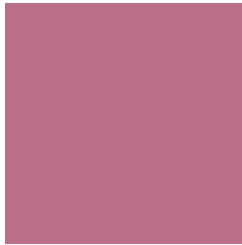
10223671



1835018

Previews

White Background



This preview shows how the Decimal color 12217993 looks on a white background.

Color Contrast Check

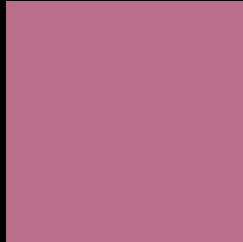
Large Text (above 18pt) WCAG AA ✓ Pass

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 12217993 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 12217993 Background



This preview shows how black text looks on a background with the Decimal color 12217993.



This preview shows how white text looks on a background with the Decimal color 12217993.

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
12087673

Trichromacy



Original Color
12217993

Protanomaly
9927826

Deuteranomaly
10582663

Tritanomaly
12152959

Monochromacy



Original Color
12217993

Achromatopsia
8947848

Achromatomaly
10125192

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12217993 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 #BA6E89 looks like.

```
.text, #text, p{  
    color:#BA6E89  
}
```

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 #BA6E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6E89
}
```

Border

The CSS property to change the border of an element to Decimal 12217993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

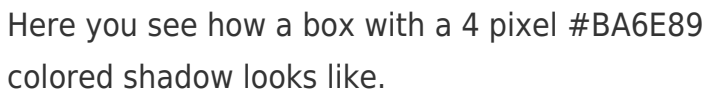
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA6E89 }
```

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

```
.border{ border-color:#BA6E89 }
```

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



Here you see how a box with a 4 pixel #BA6E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6E89; -webkit-box-shadow:4px 4px  
4px 4px #BA6E89; box-shadow:4px 4px 4px  
4px #BA6E89 }
```

Background

The CSS property to change the background color of an element to Decimal 12217993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6E89 }
```

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

```
.background{ background-color:#BA6E89 }
```

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