

Converting Colors

Decimal(12338825)

Have a look what the booklet for
Decimal(12338825) contains.

Decimal(12338825)	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(12338825)

Conversions

Conversions Part 1

Format	Color
Hex	BC4689
RGB	188, 70, 137
RGB Percent	74%, 27%, 54%
CMY	0.2627, 0.7255, 0.4627
CMYK	0.00, 0.63, 0.27, 0.26
HSL	326°, 47%, 51%
HSV	326°, 63%, 74%
XYZ	27.4446, 16.8778, 25.4782
YIQ	112.9200, 48.8210, 45.8530

Conversions

Conversions Part 2

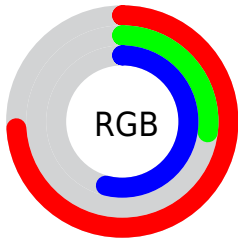
Format	Color
R_{YB}	188, 70, 137
Decimal	12338825
CIE _{Lab}	48.11, 54.16, -12.72
CIE _{LCh}	48, 55.633, 346.786
Yxy	16.8778, 0.3932, 0.2418
Android (android.graphics.Color)	4290528905 (0xFFBC4689)
YUV	112.9200, 11.8714, 65.8452
Hunter-Lab	41.0826, 47.3493, -8.0120

Details

The Decimal color **12338825** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4635769**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16219582**, and **8585303** is the 20% darker color. If you saturate the color by 10%, you get **12333953**, and if you desaturate by 10%, it is **12343697**.

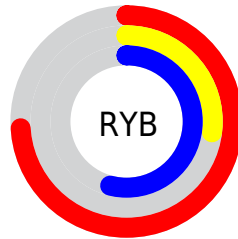
Distribution



Red (74%)

Green (27%)

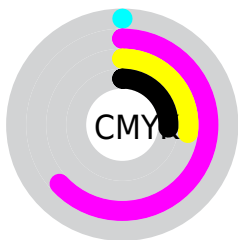
Blue (54%)



Red (74%)

Yellow (27%)

Blue (54%)

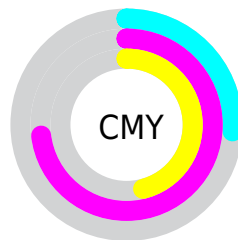


Cyan (0%)

Magenta (63%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12338825 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 12338825 by changing the saturation by 10% instead.

 12338825

 12338825

16777215

 10430832

 16219582

 8585303

 16750810

 6750272

 16758007

 4980778

 16765439

 3407893

 16772863

 524288

 0

 12338825

 12338825

 12333953

 12343697

 12329081

 12348569

 12324465

 12353185

 12320875

 12358058

 12362930

 12367802

 12372674

 12377290

 12382162

Harmonies

Analogous

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



9787827



12338825



12993626

Triad

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



12338825



7370752



34230

Complementary

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



12338825



4635769

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.



34956



12338825



3637805

Square

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



12338825



10119173



34651



32462

Rectangle

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



12338825



12537404



34651



34729

Sweetspot

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



12338825



16107233



7816892



8019566



16448250



8026746

Same Dimension

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



12338825



16072101



12338768



6182234



10354778



2031633

Inverse Universe

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



12338825



16072101



4635826



6182234



10354778



2031633

Previews

White Background



This preview shows how the Decimal color 12338825 looks on a white background.

Color Contrast Check

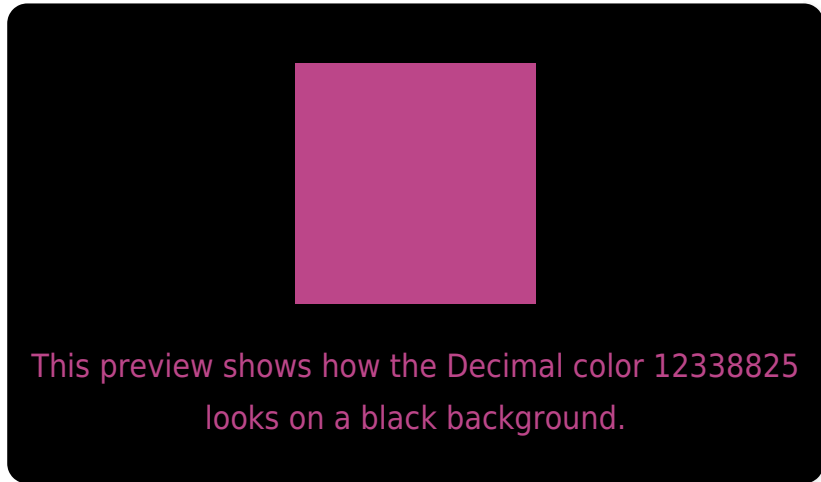
Large Text (above 18pt) WCAG AA ✓ Pass

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 12338825 Background



This preview shows how black text looks on a background with the Decimal color 12338825.



This preview shows how white text looks on a background with the Decimal color 12338825.

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
12079703

Trichromacy



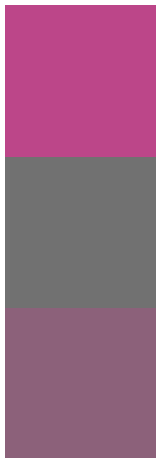
Original Color
12338825

Protanomaly
8544669

Deuteranomaly
9396613

Tritanomaly
12144233

Monochromacy



Original Color
12338825

Achromatopsia
7434609

Achromatomaly
9199994

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12338825 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 #BC4689 looks like.

```
.text, #text, p{  
    color:#BC4689  
}
```

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 #BC4689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC4689
}
```

Border

The CSS property to change the border of an element to Decimal 12338825 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
#BC4689 }
```

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

```
.border{ border-color:#BC4689 }
```

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

Here you see how a box with a 4 pixel #BC4689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC4689; -webkit-box-shadow:4px 4px  
4px 4px #BC4689; box-shadow:4px 4px 4px  
4px #BC4689 }
```

Background

The CSS property to change the background color of an element to Decimal 12338825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC4689 }
```

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

```
.background{ background-color:#BC4689 }
```

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