

# Converting Colors

Decimal(12344970)

Have a look what the booklet for  
Decimal(12344970) contains.

<b>Decimal(12344970)</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(12344970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC5E8A
RGB	188, 94, 138
RGB Percent	74%, 37%, 54%
CMY	0.2627, 0.6314, 0.4588
CMYK	0.00, 0.50, 0.27, 0.26
HSL	332°, 41%, 55%
HSV	332°, 50%, 74%
XYZ	29.3292, 20.5318, 26.4620
YIQ	127.1220, 41.9000, 33.6120

# Conversions

## Conversions Part 2

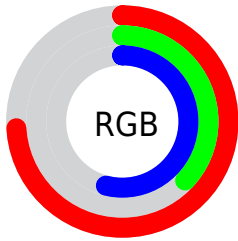
Format	Color
<b>R<sub>YB</sub></b>	188, 94, 138
Decimal	12344970
CIE <sub>Lab</sub>	52.43, 42.91, -6.82
CIE <sub>LCh</sub>	52, 43.444, 350.965
Yxy	20.5318, 0.3843, 0.2690
Android (android.graphics.Color)	4290535050 (0xFFBC5E8A)
YUV	127.1220, 5.3629, 53.3900
Hunter-Lab	45.3120, 36.2421, -2.9067

# Details

The Decimal color **12344970** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6208656**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **16159679**, and **8661592** is the 20% darker color. If you saturate the color by 10%, you get **12340096**, and if you desaturate by 10%, it is **12349844**.

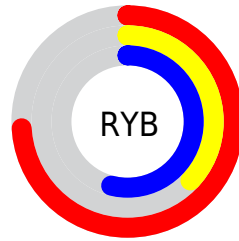
# Distribution



Red (74%)

Green (37%)

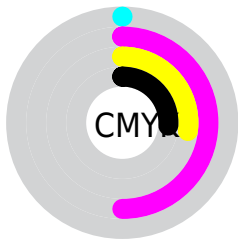
Blue (54%)



Red (74%)

Yellow (37%)

Blue (54%)

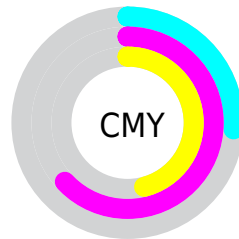


Cyan (0%)

Magenta (50%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (63%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12344970 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 12344970 by changing the saturation by 10% instead.




 12344970

 12344970

16777215

 10503281

 16159679

 8661592

 16756699

 6884417

 16763896

 5111851

 16771071

 3538967

 1441792

 0

 12344970

 12344970

 12340096

 12349844

 12335222

 12354718

 12330604

 12359336

 12325730

 12364210

 12320856

 12369084

 12373958

 12378832

 12383450

 12386276

# Harmonies

## Analogous

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



10512812



12344970



12738149

# Triad

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



12344970



7963444



36022

# Complementary

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



12344970



6208656

# 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.



37015



12344970



5016396

# Square

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



12344970



10254129



36720



33990

# Rectangle

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



12344970



12346702



36720



36525



# Sweetspot

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



12344970



16109793



9395900



8021103



16448250



8026746



# Same Dimension

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



12344970



16081575



12345438



6182233



10354762



2031630



# Inverse Universe

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



12344970



16081575



6208188



6182233



10354762

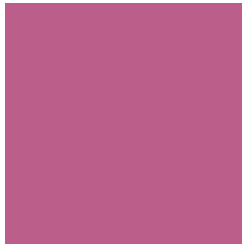


2031630



# Previews

## White Background



This preview shows how the Decimal color 12344970 looks on a white background.

## Color Contrast Check

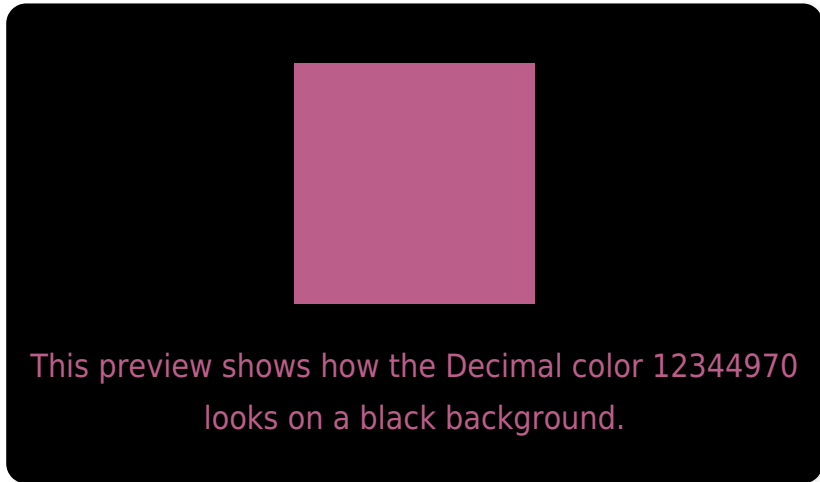
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 12344970 Background



This preview shows how black text looks on a background with the Decimal color 12344970.




This preview shows how white text looks on a background with the Decimal color 12344970.

# 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**  
12149867

# Trichromacy



**Original Color**  
12344970



**Protanomaly**  
9400727



**Deuteranomaly**  
10121351

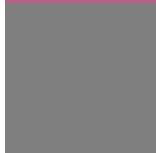


**Tritanomaly**  
12214902

# Monochromacy



**Original Color**  
12344970



**Achromatopsia**  
8355711



**Achromatomaly**  
9794435

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12344970 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 #BC5E8A looks like.

```
.text, #text, p{  
    color:#BC5E8A  
}
```

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 #BC5E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC5E8A
}
```

## Border

The CSS property to change the border of an element to Decimal 12344970 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
#BC5E8A }
```

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

```
.border{ border-color:#BC5E8A }
```

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

Here you see how a box with a 4 pixel #BC5E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC5E8A; -webkit-box-shadow:4px 4px  
4px 4px #BC5E8A; box-shadow:4px 4px 4px  
4px #BC5E8A }
```

# Background

The CSS property to change the background color of an element to Decimal 12344970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC5E8A }
```

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

```
.background{ background-color:#BC5E8A }
```

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