

Converting Colors

Decimal(12338580)

Have a look what the booklet for
Decimal(12338580) contains.

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Color

Decimal(12338580)

Conversions

Conversions Part 1

Format	Color
Hex	BC4594
RGB	188, 69, 148
RGB Percent	74%, 27%, 58%
CMY	0.2627, 0.7294, 0.4196
CMYK	0.00, 0.63, 0.21, 0.26
HSL	320°, 47%, 50%
HSV	320°, 63%, 74%
XYZ	28.2125, 17.0857, 29.8279
YIQ	113.5870, 45.5650, 49.7970

Conversions

Conversions Part 2

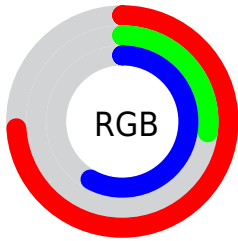
Format	Color
R_{YB}	188, 69, 148
Decimal	12338580
CIE _{Lab}	48.37, 56.08, -18.91
CIE _{LCh}	48, 59.188, 341.364
Yxy	17.0857, 0.3755, 0.2274
Android (android.graphics.Color)	4290528660 (0xFFBC4594)
YUV	113.5870, 16.9656, 65.2602
Hunter-Lab	41.3349, 49.4962, -13.8502

Details

The Decimal color **12338580** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **4570221**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16219338**, and **8585313** is the 20% darker color. If you saturate the color by 10%, you get **12333710**, and if you desaturate by 10%, it is **12343450**.

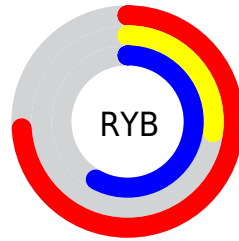
Distribution



Red (74%)

Green (27%)

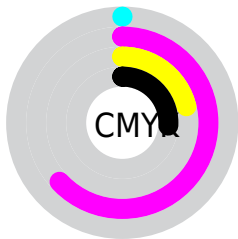
Blue (58%)



Red (74%)

Yellow (27%)

Blue (58%)

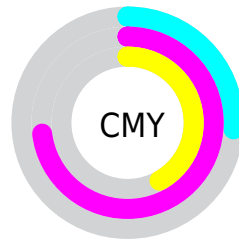


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12338580 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 12338580 by changing the saturation by 10% instead.

 12338580

 12338580

16777215

 10430330

 16219338

 8585313

 16750822

 6815817

 16758015

 5046322

 16765439

 3407902

 16772863

 983040

 0

 12338580

 12338580

 12333710

 12343450

 12328839

 12348321

 12324225

 12352935

 12320893

 12357805

 12362676

 12367546

 12372416

 12377031

 12381901

Harmonies

Analogous

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



9264319



12338580



13385314

Triad

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



12338580



7960320



34996

Complementary

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



12338580



4570221

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.



35461



12338580



4227614

Square

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



12338580



10708224



34897



33234

Rectangle

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



12338580



13059906



34897



35238

Sweetspot

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



12338580



16107237



7161276



8019569



16448250



8026746

Same Dimension

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



12338580



16071606



12338521



6182235



10354793



2031636

Inverse Universe

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



12338580



16071606



4570280



6182235



10354793



2031636

Previews

White Background



This preview shows how the Decimal color 12338580 looks on a white background.

Color Contrast Check

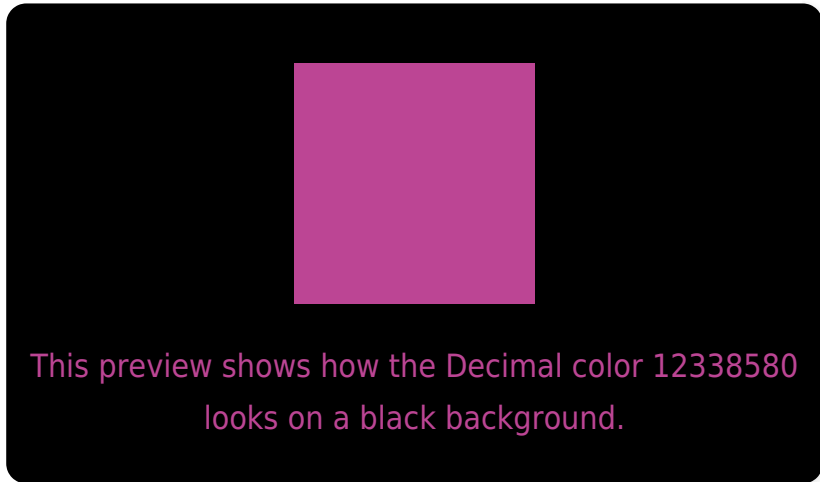
Large Text (above 18pt) WCAG AA ✓ Pass

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

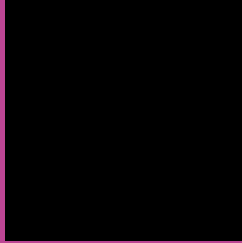
Any Text WCAG AA × Fail

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 12338580 Background



This preview shows how black text looks on a background with the Decimal color 12338580.



This preview shows how white text looks on a background with the Decimal color 12338580.

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



Original Color
12338580

Protanopia
5927350

Deuteranopia
7500173

Trichromacy



Original Color
12338580

Protanomaly
8282538

Deuteranomaly
9265552

Tritanomaly
12144495

Monochromacy



Original Color
12338580

Achromatopsia
7500402

Achromatomaly
9265790

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12338580 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 #BC4594 looks like.

```
.text, #text, p{  
  color:#BC4594  
}
```

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 #BC4594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC4594
}
```

Border

The CSS property to change the border of an element to Decimal 12338580 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
#BC4594 }
```

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

```
.border{ border-color:#BC4594 }
```

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

Here you see how a box with a 4 pixel #BC4594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC4594; -webkit-box-shadow:4px 4px  
4px 4px #BC4594; box-shadow:4px 4px 4px  
4px #BC4594 }
```

Background

The CSS property to change the background color of an element to Decimal 12338580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC4594 }
```

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

```
.background{ background-color:#BC4594 }
```

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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