

Converting Colors

Decimal(12398968)

Have a look what the booklet for
Decimal(12398968) contains.

Decimal(12398968)	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(12398968)

Conversions

Conversions Part 1

Format	Color
Hex	BD3178
RGB	189, 49, 120
RGB Percent	74%, 19%, 47%
CMY	0.2588, 0.8078, 0.5294
CMYK	0.00, 0.74, 0.37, 0.26
HSL	330°, 59%, 47%
HSV	330°, 74%, 74%
XYZ	25.4747, 14.3715, 19.2006
YIQ	98.9540, 60.6490, 51.7610

Conversions

Conversions Part 2

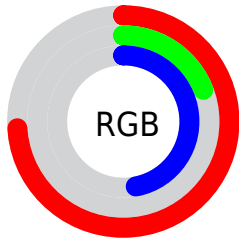
Format	Color
R_{YB}	189, 49, 120
Decimal	12398968
CIE _{Lab}	44.76, 60.47, -7.39
CIE _{LCh}	45, 60.923, 353.029
Yxy	14.3715, 0.4314, 0.2434
Android (android.graphics.Color)	4290589048 (0xFFBD3178)
YUV	98.9540, 10.3757, 78.9703
Hunter-Lab	37.9098, 53.6070, -3.4925

Details

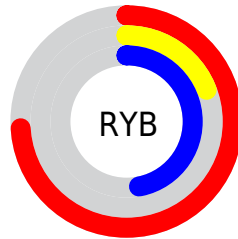
The Decimal color **12398968** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **3259766**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **16346028**, and **8585288** is the 20% darker color. If you saturate the color by 10%, you get **12394095**, and if you desaturate by 10%, it is **12403841**.

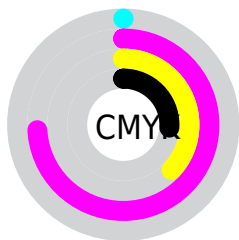
Distribution



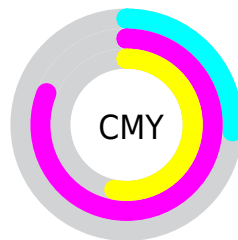
- Red (74%)
- Green (19%)
- Blue (47%)



- Red (74%)
- Yellow (19%)
- Blue (47%)



- Cyan (0%)
- Magenta (74%)
- Yellow (37%)
- Black (26%)



- Cyan (26%)
- Magenta (81%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12398968 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 12398968 by changing the saturation by 10% instead.

 12398968

 12398968

16777215

 10487135

 16346028

 8585288

 16746696

 6684721

 16753892

 4915228

 16761343

 3145730

 16768767

 0

 16776191

 12398968

 12398968

 12394095

 12403841

 12389221

 12408715

 12386400

 12413588

 12418461

 12423335

 12427952

 12432825

 12437699

 12442572

Harmonies

Analogous

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



10111144



12398968



12662086

Triad

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



12398968



5993216



32187

Complementary

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



12398968



3259766

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.



32912



12398968



31783

Square

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



12398968



9069568



32860



29903

Rectangle

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



12398968



12010790



32860



32686

Sweetspot

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



12398968



16105434



7680445



8018795



16448250



8026746

Same Dimension

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



12398968



16063369



12398899



6182234



10354768



2031632

Inverse Universe

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



12398968



16063369



3259835



6182234



10354768



2031632

Previews

White Background



This preview shows how the Decimal color 12398968 looks on a white background.

Color Contrast Check

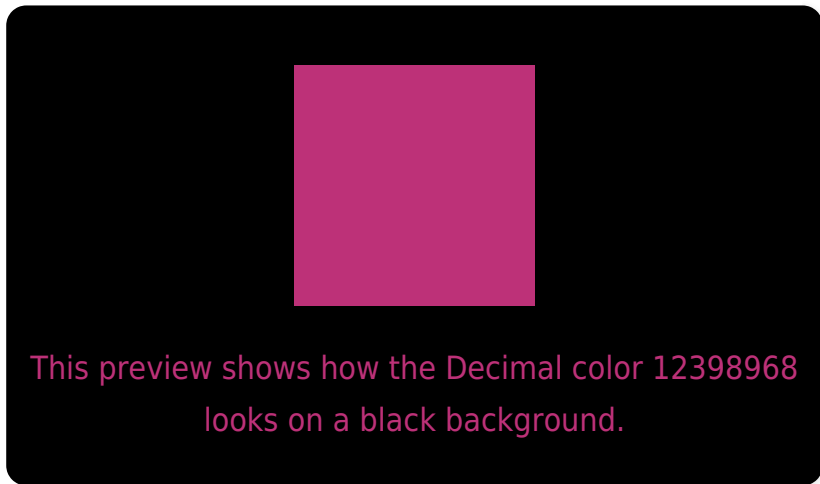
Large Text (above 18pt) WCAG AA ✓ Pass

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 12398968 Background



This preview shows how black text looks on a background with the Decimal color 12398968.




This preview shows how white text looks on a background with the Decimal color 12398968.

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](#).

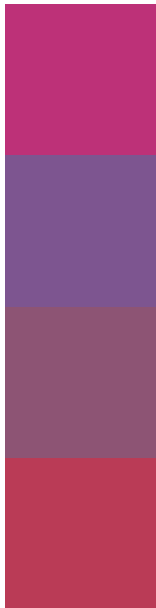
Dichromacy





Tritanopia
12140611

Trichromacy



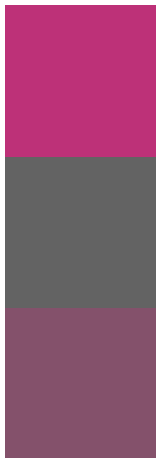
Original Color
12398968

Protanomaly
8213904

Deuteranomaly
9262196

Tritanomaly
12204886

Monochromacy



Original Color
12398968

Achromatopsia
6513507

Achromatomaly
8671595

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12398968 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 #BD3178 looks like.

```
.text, #text, p{  
    color:#BD3178  
}
```

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 #BD3178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3178
}
```

Border

The CSS property to change the border of an element to Decimal 12398968 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
#BD3178 }
```

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

```
.border{ border-color:#BD3178 }
```

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

Here you see how a box with a 4 pixel #BD3178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3178; -webkit-box-shadow:4px 4px  
4px 4px #BD3178; box-shadow:4px 4px 4px  
4px #BD3178 }
```

Background

The CSS property to change the background color of an element to Decimal 12398968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3178 }
```

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

```
.background{ background-color:#BD3178 }
```

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