

Converting Colors

Decimal(12473278)

Have a look what the booklet for
Decimal(12473278) contains.

Decimal(12473278)	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(12473278)

Conversions

Conversions Part 1

Format	Color
Hex	BE53BE
RGB	190, 83, 190
RGB Percent	75%, 33%, 75%
CMY	0.2549, 0.6745, 0.2549
CMYK	0.00, 0.56, 0.00, 0.25
HSL	300°, 45%, 54%
HSV	300°, 56%, 75%
XYZ	33.6227, 20.8514, 50.9678
YIQ	127.1910, 29.4250, 55.9610

Conversions

Conversions Part 2

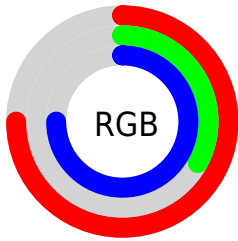
Format	Color
R_{YB}	190, 83, 190
Decimal	12473278
CIE _{Lab}	52.79, 57.13, -36.69
CIE _{LCh}	53, 67.894, 327.287
Yxy	20.8514, 0.3189, 0.1978
Android (android.graphics.Color)	4290663358 (0xFFBE53BE)
YUV	127.1910, 30.9648, 55.0835
Hunter-Lab	45.6633, 51.5221, -34.2131

Details

The Decimal color **12473278** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5488211**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **16354039**, and **8787848** is the 20% darker color. If you saturate the color by 10%, you get **12468414**, and if you desaturate by 10%, it is **12478142**.

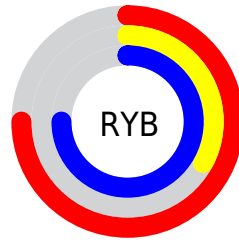
Distribution



Red (75%)

Green (33%)

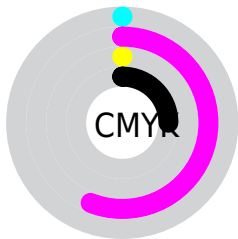
Blue (75%)



Red (75%)

Yellow (33%)

Blue (75%)

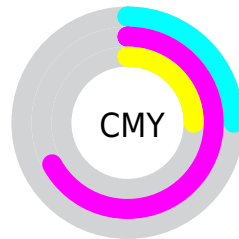


Cyan (0%)

Magenta (56%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12473278 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 12473278 by changing the saturation by 10% instead.

 12473278

 12473278

16777215

 10631075

 16354039

 8787848

 16754431

 6946926

 16761599

 5242965

 16769023

 3604542

 16776447

 1769511

 272

 0

 12473278

 12473278

 12468414

 12478142

 12463550

 12483006

 12458686

 12487870

 12453822

 12492734

 12452030

 12497598

 12502462

 12507326

 12512190

 12517054

Harmonies

Analogous

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



7238119



12473278



14695558

Triad

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



12473278



10254848



39090

Complementary

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



12473278



5488211

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.



38775



12473278



6588928

Square

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



12473278



13132051



37690



37856

Rectangle

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



12473278



14958431



37690



39071

Sweetspot

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



12473278



16240119



5460926



8217725



16579836



8224125

Same Dimension

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



12473278



16207863



12473225



6182238



10354846



2031647

Inverse Universe

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



12473278



16207863



5488265



6182238



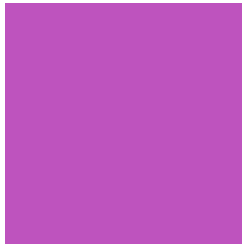
10354846



2031647

Previews

White Background



This preview shows how the Decimal color 12473278 looks on a white background.

Color Contrast Check

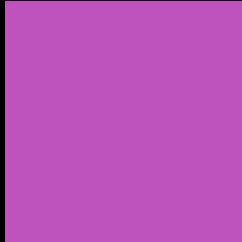
Large Text (above 18pt) WCAG AA ✓ Pass

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 12473278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

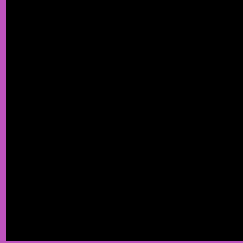
Any Text WCAG AA ✓ Pass

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 12473278 Background



This preview shows how black text looks on a background with the Decimal color 12473278.



This preview shows how white text looks on a background with the Decimal color 12473278.

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
11888751

Trichromacy



Original Color
12473278



Protanomaly
7826645



Deuteranomaly
8875706



Tritanomaly
12083340

Monochromacy



Original Color
12473278



Achromatopsia
8355711



Achromatomaly
9858966

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12473278 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 #BE53BE looks like.

```
.text, #text, p{  
    color:#BE53BE  
}
```

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 #BE53BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE53BE
}
```

Border

The CSS property to change the border of an element to Decimal 12473278 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
#BE53BE }
```

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

```
.border{ border-color:#BE53BE }
```

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

Here you see how a box with a 4 pixel #BE53BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE53BE; -webkit-box-shadow:4px 4px  
4px 4px #BE53BE; box-shadow:4px 4px 4px  
4px #BE53BE }
```

Background

The CSS property to change the background color of an element to Decimal 12473278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE53BE }
```

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

```
.background{ background-color:#BE53BE }
```

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