

Converting Colors

Decimal(12473826)

Have a look what the booklet for
Decimal(12473826) contains.

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Color

Decimal(12473826)

Conversions

Conversions Part 1

Format	Color
Hex	BE55E2
RGB	190, 85, 226
RGB Percent	75%, 33%, 89%
CMY	0.2549, 0.6667, 0.1137
CMYK	0.16, 0.62, 0.00, 0.11
HSL	285°, 71%, 61%
HSV	285°, 62%, 89%
XYZ	38.2112, 22.9351, 74.3645
YIQ	132.4690, 17.3190, 66.1110

Conversions

Conversions Part 2

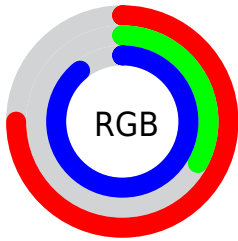
Format	Color
R_{YB}	190, 85, 226
Decimal	12473826
CIE _{Lab}	55.01, 62.97, -53.71
CIE _{LCh}	55, 82.759, 319.538
Yxy	22.9351, 0.2820, 0.1692
Android (android.graphics.Color)	4290663906 (0xFFBE55E2)
YUV	132.4690, 46.1108, 50.4547
Hunter-Lab	47.8906, 58.6137, -58.5419

Details

The Decimal color **12473826** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **7987797**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16354559**, and **8722602** is the 20% darker color. If you saturate the color by 10%, you get **12074722**, and if you desaturate by 10%, it is **12872930**.

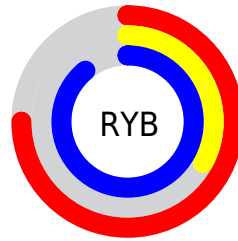
Distribution



Red (75%)

Green (33%)

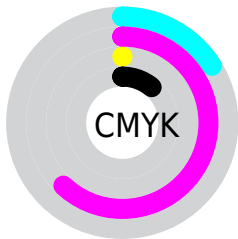
Blue (89%)



Red (75%)

Yellow (33%)

Blue (89%)

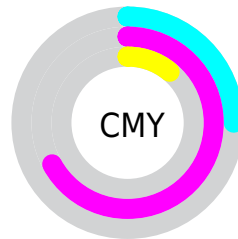


Cyan (16%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (67%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12473826 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 12473826 by changing the saturation by 10% instead.

 12473826

 12473826

16777215

 10566086

 16354559

 8722602

 16754943

 6881423

 16762367

 5046389

 16769791

 3211355

 1310787

 811

 278

 0

■ 12473826

■ 12473826

■ 12074722

■ 12872930

■ 11675874

■ 13271778

■ 11342306

■ 13605346

■ 11010274

■ 14004194

■ 14403298

■ 14802402

■ 15135714

■ 15532002

■ 15925218

Harmonies

Analogous

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



2325759



12473826



15999904

Triad

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



12473826



11827200



41650

Complementary

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



12473826



7987797

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.



41063



12473826



7638528

Square

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



12473826



15029258



39698



40945

Rectangle

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



12473826



16717424



39698



41626

Sweetspot

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



12473826



15978495



5602274



7889536



0



8421504

Same Dimension

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



12473826



13517055



14833089



7169392



8585392



2359344

Inverse Universe

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



14833017



16728177



5628534



7365992



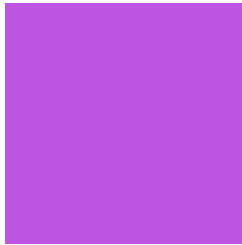
11534381



3145740

Previews

White Background



This preview shows how the Decimal color 12473826 looks on a white background.

Color Contrast Check

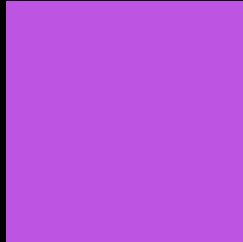
Large Text (above 18pt) WCAG AA ✓ Pass

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 12473826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

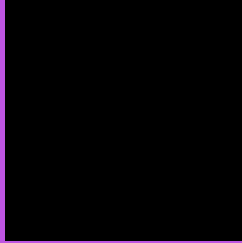
Any Text WCAG AA ✓ Pass

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 12473826 Background



This preview shows how black text looks on a background with the Decimal color 12473826.




This preview shows how white text looks on a background with the Decimal color 12473826.

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
11498364

Trichromacy



Original Color
12473826



Protanomaly
6910196



Deuteranomaly
7763164



Tritanomaly
11823265

Monochromacy



Original Color
12473826



Achromatopsia
8684676



Achromatomaly
10056614

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12473826 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 #BE55E2 looks like.

```
.text, #text, p{  
    color:#BE55E2  
}
```

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 #BE55E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE55E2
}
```

Border

The CSS property to change the border of an element to Decimal 12473826 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
#BE55E2 }
```

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

```
.border{ border-color:#BE55E2 }
```

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

Here you see how a box with a 4 pixel #BE55E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE55E2; -webkit-box-shadow:4px 4px  
4px 4px #BE55E2; box-shadow:4px 4px 4px  
4px #BE55E2 }
```

Background

The CSS property to change the background color of an element to Decimal 12473826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE55E2 }
```

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

```
.background{ background-color:#BE55E2 }
```

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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