

Converting Colors

Decimal(12475375)

Have a look what the booklet for
Decimal(12475375) contains.

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Color

Decimal(12475375)

Conversions

Conversions Part 1

Format	Color
Hex	BE5BEF
RGB	190, 91, 239
RGB Percent	75%, 36%, 94%
CMY	0.2549, 0.6431, 0.0627
CMYK	0.21, 0.62, 0.00, 0.06
HSL	280°, 82%, 65%
HSV	280°, 62%, 94%
XYZ	40.5563, 24.6613, 84.2839
YIQ	137.4730, 11.4960, 67.0160

Conversions

Conversions Part 2

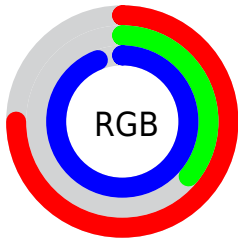
Format	Color
R _{YB}	190, 91, 239
Decimal	12475375
CIE Lab	56.74, 62.87, -58.22
CIE LCh	57, 85.685, 317.202
Yxy	24.6613, 0.2713, 0.1650
Android (android.graphics.Color)	4290665455 (0xFFBE5BEF)
YUV	137.4730, 50.0528, 46.0662
Hunter-Lab	49.6602, 58.8714, -65.8657

Details

The Decimal color **12475375** 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 **9236315**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16356095**, and **8659382** is the 20% darker color. If you saturate the color by 10%, you get **11944943**, and if you desaturate by 10%, it is **13005807**.

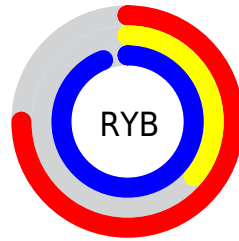
Distribution



Red (75%)

Green (36%)

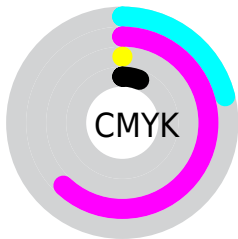
Blue (94%)



Red (75%)

Yellow (36%)

Blue (94%)

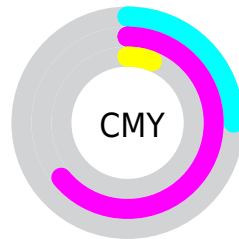


Cyan (21%)

Magenta (62%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (64%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12475375 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 12475375 by changing the saturation by 10% instead.

 12475375

 12475375

16777215

 10567634

 16356095

 8659382


 16756479

 6815899

 16763903

 4980864

 16771327

 3080294

 1048653

 53

 543

 2

12475375

12475375

11944943

13005807

11414511

13536239

10884079

14066671

10485999

14597103

15127535

15592175

16121839

16646127

16777199

Harmonies

Analogous

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



33791



12475375



16393643

Triad

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



12475375



12548352



43186

Complementary

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



12475375



9236315

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.



42596



12475375



8229376

Square

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



12475375



15749651



40704



42485

Rectangle

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



12475375



16715642



40704



42905

Sweetspot

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



12475375



15716351



5999855



7758464



0



8421504

Same Dimension

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



12475375



12665599



15686614



7629944



8061112



2490424

Inverse Universe

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



15686540



16728705



6025076



7892080



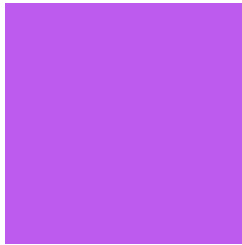
12058685



3670035

Previews

White Background



This preview shows how the Decimal color 12475375 looks on a white background.

Color Contrast Check

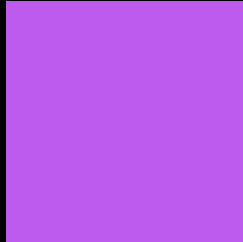
Large Text (above 18pt) WCAG AA ✓ Pass

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 12475375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

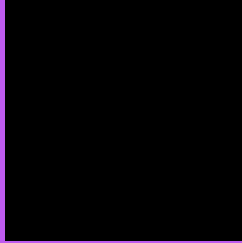
Any Text WCAG AA ✓ Pass

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 12475375 Background



This preview shows how black text looks on a background with the Decimal color 12475375.




This preview shows how white text looks on a background with the Decimal color 12475375.

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](#).

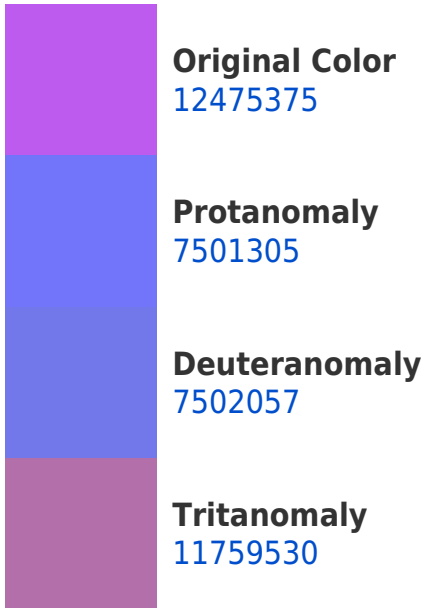
Dichromacy



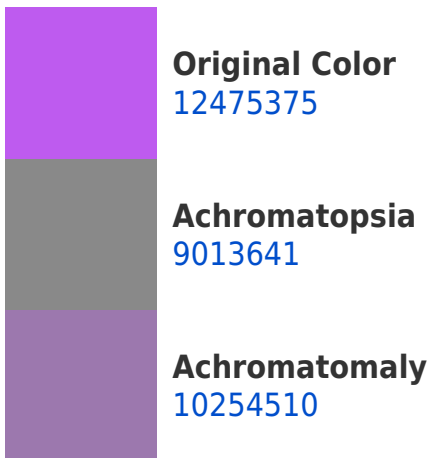


Tritanopia
11369091

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12475375 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 #BE5BEF looks like.

```
.text, #text, p{  
  color:#BE5BEF  
}
```

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 #BE5BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5BEF
}
```

Border

The CSS property to change the border of an element to Decimal 12475375 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
#BE5BEF }
```

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

```
.border{ border-color:#BE5BEF }
```

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

Here you see how a box with a 4 pixel #BE5BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5BEF; -webkit-box-shadow:4px 4px  
4px 4px #BE5BEF; box-shadow:4px 4px 4px  
4px #BE5BEF }
```

Background

The CSS property to change the background color of an element to Decimal 12475375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5BEF }
```

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

```
.background{ background-color:#BE5BEF }
```

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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