

Converting Colors

Decimal(12353258)

Have a look what the booklet for
Decimal(12353258) contains.

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Color

Decimal(12353258)

Conversions

Conversions Part 1

Format	Color
Hex	BC7EEA
RGB	188, 126, 234
RGB Percent	74%, 49%, 92%
CMY	0.2627, 0.5059, 0.0824
CMYK	0.20, 0.46, 0.00, 0.08
HSL	274°, 72%, 71%
HSV	274°, 46%, 92%
XYZ	43.0512, 31.5536, 81.6633
YIQ	156.8500, 2.2840, 46.7320

Conversions

Conversions Part 2

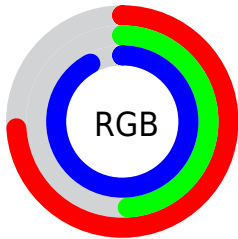
Format	Color
R _Y B	188, 126, 234
Decimal	12353258
CIE _{Lab}	62.97, 43.59, -45.55
CIE _{LCh}	63, 63.051, 313.739
Yxy	31.5536, 0.2755, 0.2019
Android (android.graphics.Color)	4290543338 (0xFFBC7EEA)
YUV	156.8500, 38.0350, 27.3186
Hunter-Lab	56.1726, 38.5020, -46.8746

Details

The Decimal color **12353258** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11332222**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16168191**, and **8670130** is the 20% darker color. If you saturate the color by 10%, you get **11692010**, and if you desaturate by 10%, it is **13014506**.

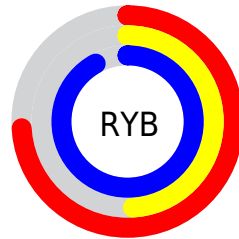
Distribution



Red (74%)

Green (49%)

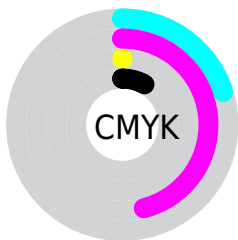
Blue (92%)



Red (74%)

Yellow (49%)

Blue (92%)

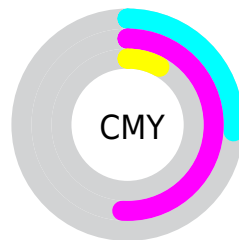


Cyan (20%)

Magenta (46%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12353258 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 12353258 by changing the saturation by 10% instead.

 12353258

 12353258

16777215

 10511566

 16168191

 8670130

 16765183

 6894231

 16772607

 5183868

 3407971

 1769546

 51

 541

 0

■ 12353258

■ 12353258

■ 11692010

■ 13014506

■ 11030506

■ 13676010

■ 10369258

■ 14337258

■ 9707754

■ 14998762

■ 9046506

■ 15660010

■ 8782058

■ 16318442

■ 16777194

Harmonies

Analogous

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



5871359



12353258



15624377

Triad

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



12353258



13535780



46001

Complementary

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



12353258



11332222

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.



45431



12353258



10329627

Square

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



12353258



15823693



6138434



45285

Rectangle

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



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16540308



6138434



45982

Sweetspot

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



12353258



15784959



8302058



7760512



0



8421504

Same Dimension

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



12353258



12809215



15367907



7367285



6815925



2031670

Inverse Universe

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



15367852



16741294



8317573



7694959



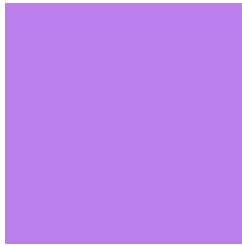
11862093



3538967

Previews

White Background



This preview shows how the Decimal color 12353258 looks on a white background.

Color Contrast Check

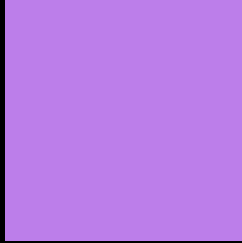
Large Text (above 18pt) WCAG AA × Fail

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 12353258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

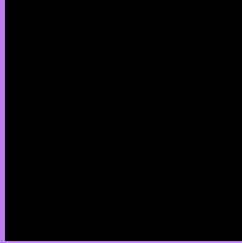
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12353258 Background



This preview shows how black text looks on a background with the Decimal color 12353258.




This preview shows how white text looks on a background with the Decimal color 12353258.

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
11505819

Trichromacy



Original Color
12353258



Protanomaly
9080311



Deuteranomaly
9408487



Tritanomaly
11831736

Monochromacy



Original Color
12353258



Achromatopsia
10329501



Achromatomaly
11047609

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12353258 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 #BC7EEA looks like.

```
.text, #text, p{  
    color:#BC7EEA  
}
```

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 #BC7EEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7EEA
}
```

Border

The CSS property to change the border of an element to Decimal 12353258 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
#BC7EEA }
```

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

```
.border{ border-color:#BC7EEA }
```

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

Here you see how a box with a 4 pixel #BC7EEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7EEA; -webkit-box-shadow:4px 4px  
4px 4px #BC7EEA; box-shadow:4px 4px 4px  
4px #BC7EEA }
```

Background

The CSS property to change the background color of an element to Decimal 12353258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7EEA }
```

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

```
.background{ background-color:#BC7EEA }
```

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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