

Converting Colors

Decimal(12531933)

Have a look what the booklet for
Decimal(12531933) contains.

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Color

Decimal(12531933)

Conversions

Conversions Part 1

Format	Color
Hex	BF38DD
RGB	191, 56, 221
RGB Percent	75%, 22%, 87%
CMY	0.2510, 0.7804, 0.1333
CMYK	0.14, 0.75, 0.00, 0.13
HSL	289°, 71%, 54%
HSV	289°, 75%, 87%
XYZ	35.9512, 19.1252, 70.2033
YIQ	115.1750, 27.4950, 79.9350

Conversions

Conversions Part 2

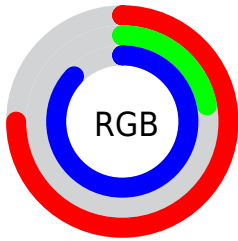
Format	Color
RYB	191, 56, 221
Decimal	12531933
CIELab	50.83, 73.53, -57.55
CIELCh	51, 93.371, 321.948
Yxy	19.1252, 0.2870, 0.1527
Android (android.graphics.Color)	4290722013 (0xFFBF38DD)
YUV	115.1750, 52.1717, 66.4985
Hunter-Lab	43.7323, 70.2085, -64.5653

Details

The Decimal color **12531933** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **5692728**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **16479487**, and **8716453** is the 20% darker color. If you saturate the color by 10%, you get **12264157**, and if you desaturate by 10%, it is **12799709**.

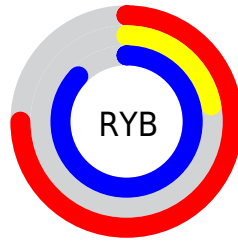
Distribution



Red (75%)

Green (22%)

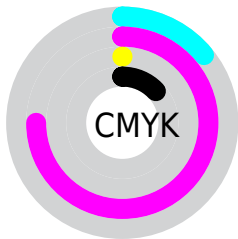
Blue (87%)



Red (75%)

Yellow (22%)

Blue (87%)

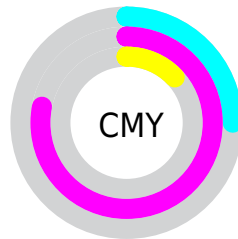


Cyan (14%)

Magenta (75%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (78%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12531933 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 12531933 by changing the saturation by 10% instead.

 12531933

 12531933

16777215

 10620097

 16479487

 8716453

 16749055

 6815882

 16756479

 4980848

 16763903

 3276887

 16771583

 917566

 807

 272

 0

■ 12531933

■ 12531933

■ 12264157

■ 12799709

■ 11996381

■ 13067485

■ 11862237

■ 13335261

■ 13603037

■ 13871069

■ 14138845

■ 14406621

■ 14674397

■ 14942173

Harmonies

Analogous

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



28415



12531933



16122002

Triad

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



12531933



10907392



39347

Complementary

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



12531933



5692728

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.



38752



12531933



5998080

Square

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



12531933



14434816



37376



38647

Rectangle

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



12531933



16646238



37376



39320

Sweetspot

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



12531933



16107519



3692253



7954048



0



8421504

Same Dimension

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



12531933



13965823



14497961



7103342



9306285



2490414

Inverse Universe

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



14497878



16718147



3726700



7234405



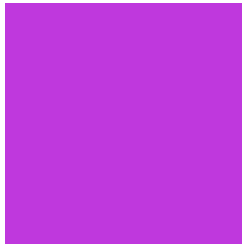
11337760



3014664

Previews

White Background



This preview shows how the Decimal color 12531933 looks on a white background.

Color Contrast Check

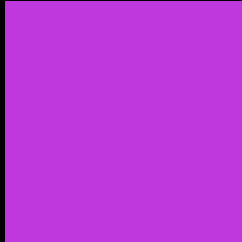
Large Text (above 18pt) WCAG AA ✓ Pass

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 12531933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

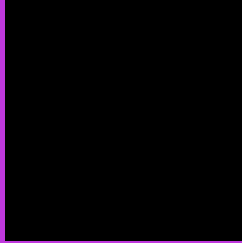
Any Text WCAG AA ✓ Pass

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 12531933 Background



This preview shows how black text looks on a background with the Decimal color 12531933.

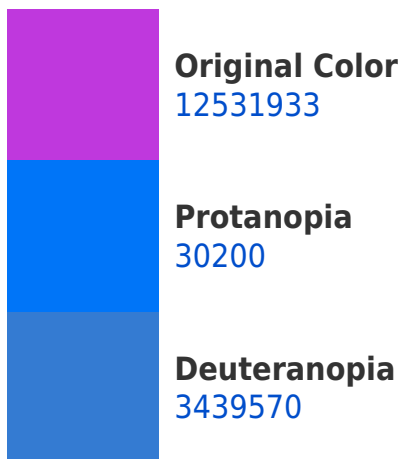



This preview shows how white text looks on a background with the Decimal color 12531933.

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
11493994

Trichromacy



Original Color
12531933



Protanomaly
4546542



Deuteranomaly
6775766



Tritanomaly
11883412

Monochromacy



Original Color
12531933



Achromatopsia
7566195



Achromatomaly
9395866

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12531933 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 #BF38DD looks like.

```
.text, #text, p{  
    color:#BF38DD  
}
```

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 #BF38DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF38DD }  
}
```

Border

The CSS property to change the border of an element to Decimal 12531933 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 #BF38DD }  
}
```

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

```
.border{ border-color:#BF38DD }
```

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

Here you see how a box with a 4 pixel #BF38DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF38DD; -webkit-box-shadow:4px 4px  
4px 4px #BF38DD; box-shadow:4px 4px 4px  
4px #BF38DD }
```

Background

The CSS property to change the background color of an element to Decimal 12531933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF38DD }
```

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

```
.background{ background-color:#BF38DD }
```

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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