

Converting Colors

Decimal(12133594)

Have a look what the booklet for
Decimal(12133594) contains.

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Color

Decimal(12133594)

Conversions

Conversions Part 1

Format	Color
Hex	B924DA
RGB	185, 36, 218
RGB Percent	73%, 14%, 85%
CMY	0.2745, 0.8588, 0.1451
CMYK	0.15, 0.83, 0.00, 0.15
HSL	289°, 72%, 50%
HSV	289°, 83%, 85%
XYZ	33.2933, 16.6380, 67.7864
YIQ	101.2990, 30.3820, 88.1900

Conversions

Conversions Part 2

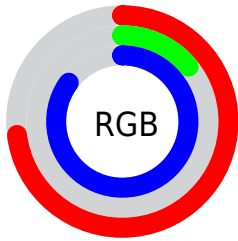
Format	Color
RYB	185, 36, 218
Decimal	12133594
CIELab	47.80, 77.46, -60.77
CIElCh	48, 98.453, 321.882
Yxy	16.6380, 0.2828, 0.1413
Android (android.graphics.Color)	4290323674 (0xFFB924DA)
YUV	101.2990, 57.5336, 73.4058
Hunter-Lab	40.7897, 74.3132, -69.9783

Details

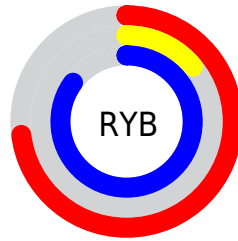
The Decimal color **12133594** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **4577828**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16082687**, and **8323234** is the 20% darker color. If you saturate the color by 10%, you get **11865818**, and if you desaturate by 10%, it is **12401370**.

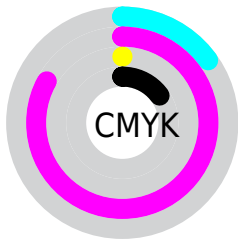
Distribution



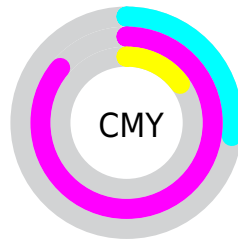
- Red (73%)
- Green (14%)
- Blue (85%)



- Red (73%)
- Yellow (14%)
- Blue (85%)



- Cyan (15%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)





















- Cyan (27%)
- Magenta (86%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 12133594 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 12133594 by changing the saturation by 10% instead.

 12133594	 12133594
 16777215	 10223806
 16082687	 8323234
 16745727	 6422663
 16753151	 4522093
 16760575	 2687060
 16768255	 59
 16775935	 549
	 269
	 0

 12133594

 12133594

 11865818

 12401370

 11665626

 12669146

 12936666

 13204442

 13472218

 13739994

 14007770

 14275290

 14543066

Harmonies

Analogous

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



26623



12133594



15859852

Triad

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



12133594



10315520



37294

Complementary

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



12133594



4577828

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.



36695



12133594



5209856

Square

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



12133594



14037760



35328



37110

Rectangle

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



12133594



16384085



35328



37266

Sweetspot

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



12133594



15974399



2377178



7952768



0



8421504

Same Dimension

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



12133594



13697279



14296224



7103342



9306285



2490414

Inverse Universe

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



14296133



16711726



2415198



7234405



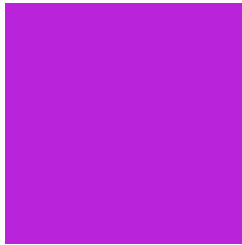
11337759



3014664

Previews

White Background



This preview shows how the Decimal color 12133594 looks on a white background.

Color Contrast Check

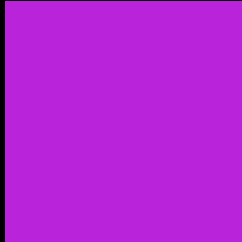
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12133594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

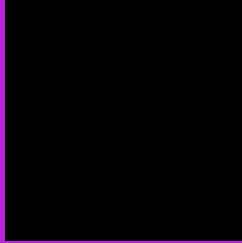
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 12133594 Background



This preview shows how black text looks on a background with the Decimal color 12133594.

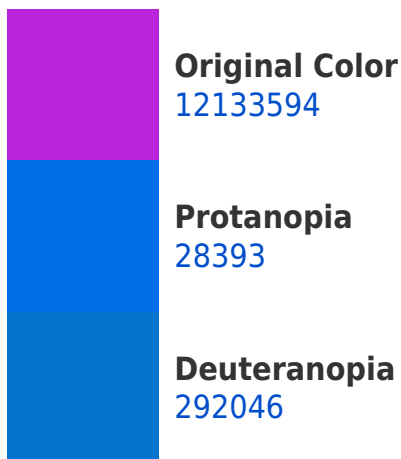


This preview shows how white text looks on a background with the Decimal color 12133594.

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](#).

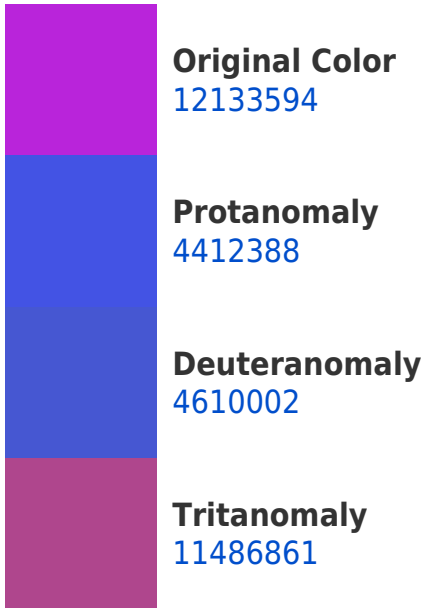
Dichromacy



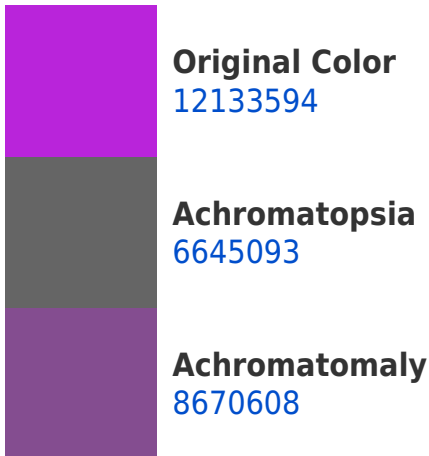


Tritanopia
11098721

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12133594 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 #B924DA looks like.

```
.text, #text, p{  
    color:#B924DA  
}
```

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 #B924DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B924DA
}
```

Border

The CSS property to change the border of an element to Decimal 12133594 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".

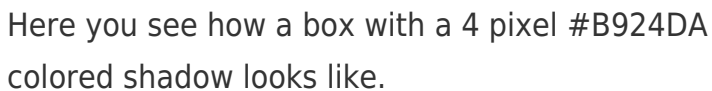
```
.border, #border, table{ border:4px solid
#B924DA }
```

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

```
.border{ border-color:#B924DA }
```

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

Here you see how a box with a 4 pixel #B924DA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B924DA; -webkit-box-shadow:4px 4px  
4px 4px #B924DA; box-shadow:4px 4px 4px  
4px #B924DA }
```

Background

The CSS property to change the background color of an element to Decimal 12133594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B924DA }
```

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

```
.background{ background-color:#B924DA }
```

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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