

Converting Colors

Decimal(10045134)

Have a look what the booklet for
Decimal(10045134) contains.

Decimal(10045134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10045134)

Conversions

Conversions Part 1

Format	Color
Hex	9946CE
RGB	153, 70, 206
RGB Percent	60%, 27%, 81%
CMY	0.4000, 0.7255, 0.1922
CMYK	0.26, 0.66, 0.00, 0.19
HSL	277°, 58%, 54%
HSV	277°, 66%, 81%
XYZ	26.4676, 15.6089, 60.0103
YIQ	110.3210, 5.8120, 59.8920

Conversions

Conversions Part 2

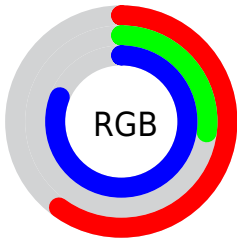
Format	Color
R_{YB}	153, 70, 206
Decimal	10045134
CIE _{Lab}	46.46, 57.30, -56.29
CIE _{LCh}	46, 80.324, 315.507
Yxy	15.6089, 0.2593, 0.1529
Android (android.graphics.Color)	4288235214 (0xFF9946CE)
YUV	110.3210, 47.1697, 37.4295
Hunter-Lab	39.5080, 50.4434, -62.4023

Details

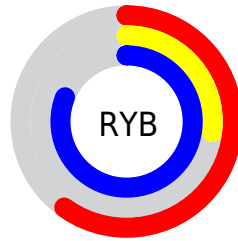
The Decimal color **10045134** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **8113734**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **13860095**, and **6358935** is the 20% darker color. If you saturate the color by 10%, you get **9515470**, and if you desaturate by 10%, it is **10574798**.

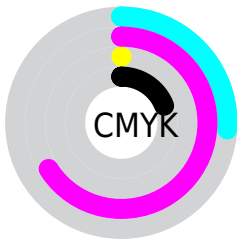
Distribution



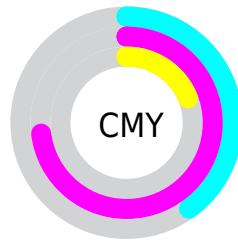
- Red (60%)
- Green (27%)
- Blue (81%)



- Red (60%)
- Yellow (27%)
- Blue (81%)



- Cyan (26%)
- Magenta (66%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10045134 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 10045134 by changing the saturation by 10% instead.

 10045134

 10045134

16777215

 8202930

 13860095

 6358935

 15767551

 4522108

 16757759

 2621539

 16764927

 393290

 16772351

 1074

 540

 0

 10045134

 10045134

■ 9515470

■ 10574798

■ 8986062

■ 11104206

■ 8456398

■ 11633870

■ 8257742

■ 12163278

■ 12692942

■ 13222606

■ 13752014

■ 14281678

■ 14811086

Harmonies

Analogous

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



27634



10045134



13762706

Triad

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



10045134



10575616



35473

Complementary

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



10045134



8113734

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.



34890



10045134



6714880

Square

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



10045134



13383684



33280



35022

Rectangle

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



10045134



14614629



33280



35193

Sweetspot

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



10045134



15453439



4619470



7627136



0



8421504

Same Dimension

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



10045134



11548415



13518528



6446182



6619302



1507366

Inverse Universe

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



13518459



16725636



4640340



6708320



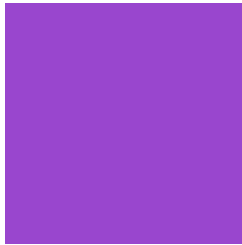
10879041



2490383

Previews

White Background



This preview shows how the Decimal color 10045134 looks on a white background.

Color Contrast Check

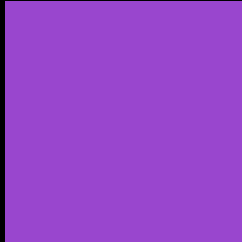
Large Text (above 18pt) WCAG AA ✓ Pass

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 10045134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

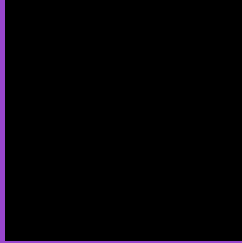
Any Text WCAG AA × Fail

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 10045134 Background



This preview shows how black text looks on a background with the Decimal color 10045134.

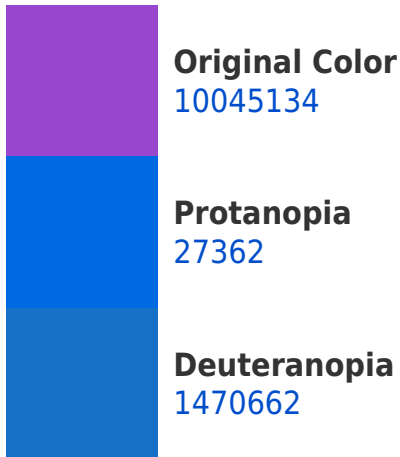


This preview shows how white text looks on a background with the Decimal color 10045134.

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
9004140

Trichromacy



Original Color

10045134



Protanomaly

3694043



Deuteranomaly

4612553



Tritanomaly

9394576

Monochromacy



Original Color

10045134



Achromatopsia

7237230



Achromatomaly

8282001

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10045134 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 #9946CE looks like.

```
.text, #text, p{  
    color:#9946CE  
}
```

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 #9946CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9946CE
}
```

Border

The CSS property to change the border of an element to Decimal 10045134 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".

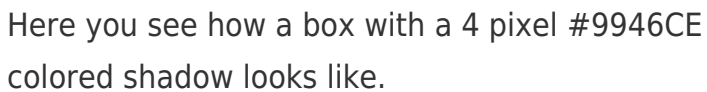
```
.border, #border, table{ border:4px solid
#9946CE }
```

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

```
.border{ border-color:#9946CE }
```

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

Here you see how a box with a 4 pixel #9946CE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9946CE; -webkit-box-shadow:4px 4px  
4px 4px #9946CE; box-shadow:4px 4px 4px  
4px #9946CE }
```

Background

The CSS property to change the background color of an element to Decimal 10045134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9946CE }
```

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

```
.background{ background-color:#9946CE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor