

Converting Colors

Decimal(12545987)

Have a look what the booklet for
Decimal(12545987) contains.

Decimal(12545987)	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(12545987)

Conversions

Conversions Part 1

Format	Color
Hex	BF6FC3
RGB	191, 111, 195
RGB Percent	75%, 44%, 76%
CMY	0.2510, 0.5647, 0.2353
CMYK	0.02, 0.43, 0.00, 0.24
HSL	297°, 41%, 60%
HSV	297°, 43%, 76%
XYZ	37.0206, 26.3854, 54.7714
YIQ	144.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

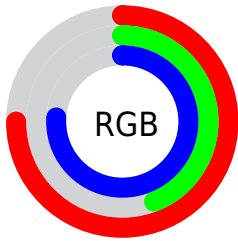
Format	Color
RYB	191, 111, 195
Decimal	12545987
CIELab	58.40, 44.46, -30.78
CIELCh	58, 54.073, 325.300
Yxy	26.3854, 0.3133, 0.2233
Android (android.graphics.Color)	4290736067 (0xFFBF6FC3)
YUV	144.4960, 24.8985, 40.7840
Hunter-Lab	51.3667, 38.7555, -27.2632

Details

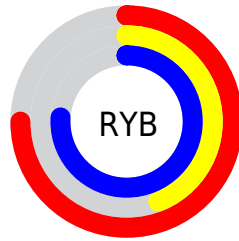
The Decimal color **12545987** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7586671**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16360956**, and **8928397** is the 20% darker color. If you saturate the color by 10%, you get **12475331**, and if you desaturate by 10%, it is **12616643**.

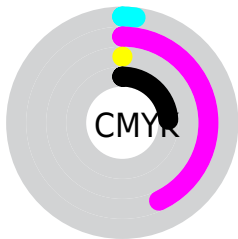
Distribution



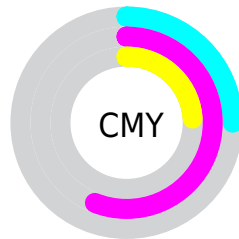
- Red (75%)
- Green (44%)
- Blue (76%)



- Red (75%)
- Yellow (44%)
- Blue (76%)



- Cyan (2%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12545987 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 12545987 by changing the saturation by 10% instead.

 12545987

 12545987

16777215

 10704296

 16360956

 8928397

 16761087

 7151987

 16768511

 5439834

 16775935

 3801154

 2424876

 278

 0

 12545987

 12545987

12475331

12616643

12404931

12687043

12334531

12757699

12263875

12828099

12193475

12898499

12189891

12969155

12974019

13041603

13107139

Harmonies

Analogous

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



8487906



12545987



14574230

Triad

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



12545987



11306791



41908

Complementary

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



12545987



7586671

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.



41859



12545987



8295984

Square

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



12545987



13595967



4235092



40922

Rectangle

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



12545987



14901878



4235092



41892

Sweetspot

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



12545987



16506108



7304131



8350592



0



8421504

Same Dimension

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



12545987



16153084



12808093



6313825



10027169



2097185

Inverse Universe

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



12808051



16546175



7324565



6379352



10551304



2162690

Previews

White Background



This preview shows how the Decimal color 12545987 looks on a white background.

Color Contrast Check

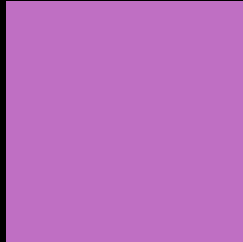
Large Text (above 18pt) WCAG AA ✓ Pass

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 12545987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

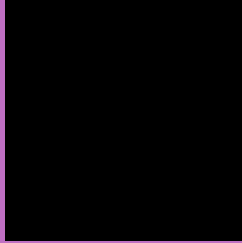
Any Text WCAG AA ✓ Pass

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 12545987 Background



This preview shows how black text looks on a background with the Decimal color 12545987.

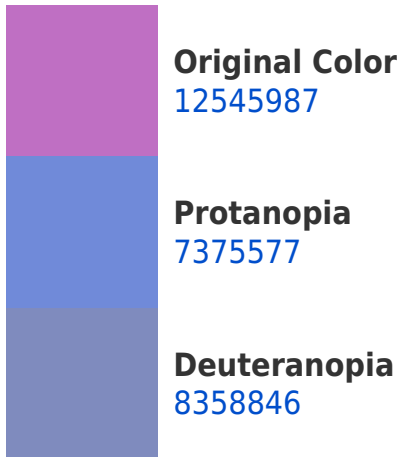


This preview shows how white text looks on a background with the Decimal color 12545987.

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



Trichromacy



Original Color
12545987



Protanomaly
9273553



Deuteranomaly
9863616



Tritanomaly
12220572

Monochromacy



Original Color
12545987



Achromatopsia
9474192



Achromatomaly
10585251

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12545987 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 #BF6FC3 looks like.

```
.text, #text, p{  
  color:#BF6FC3  
}
```

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 #BF6FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF6FC3
}
```

Border

The CSS property to change the border of an element to Decimal 12545987 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
#BF6FC3 }
```

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

```
.border{ border-color:#BF6FC3 }
```

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

Here you see how a box with a 4 pixel #BF6FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF6FC3; -webkit-box-shadow:4px 4px  
4px 4px #BF6FC3; box-shadow:4px 4px 4px  
4px #BF6FC3 }
```

Background

The CSS property to change the background color of an element to Decimal 12545987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF6FC3 }
```

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

```
.background{ background-color:#BF6FC3 }
```

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