

# Converting Colors

Decimal(12480754)

Have a look what the booklet for  
Decimal(12480754) contains.

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# Color

**Decimal(12480754)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | BE70F2                    |
| RGB           | 190, 112, 242             |
| RGB Percent   | 75%, 44%, 95%             |
| CMY           | 0.2549, 0.5608, 0.0510    |
| CMYK          | 0.21, 0.54, 0.00, 0.05    |
| HSL           | 276°, 83%, 69%            |
| HSV           | 276°, 54%, 95%            |
| XYZ           | 43.0564, 28.9463, 87.3223 |
| YIQ           | 150.1420, 4.7580, 56.9660 |

# Conversions

## Conversions Part 2

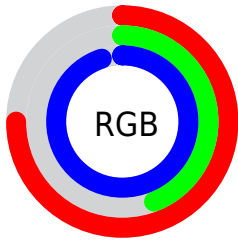
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 190, 112, 242                 |
| Decimal                             | 12480754                      |
| CIE Lab                             | 60.73, 53.25, -53.52          |
| CIE LCh                             | 61, 75.498, 314.859           |
| Yxy                                 | 28.9463, 0.2702,<br>0.1817    |
| Android<br>(android.graphics.Color) | 4290670834<br>(0xFFBE70F2)    |
| YUV                                 | 150.1420, 45.2860,<br>34.9555 |
| Hunter-Lab                          | 53.8018, 48.6966,<br>-58.5687 |

# Details

The Decimal color **12480754** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **10809968**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16361215**, and **8731833** is the 20% darker color. If you saturate the color by 10%, you get **11819250**, and if you desaturate by 10%, it is **13142258**.

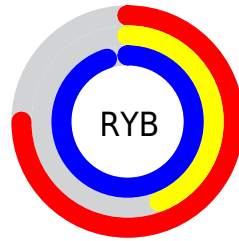
# Distribution



Red (75%)

Green (44%)

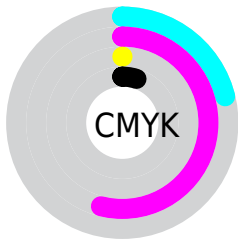
Blue (95%)



Red (75%)

Yellow (44%)

Blue (95%)

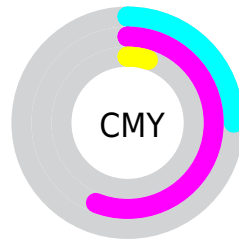


Cyan (21%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (56%)

















Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12480754 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 12480754 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  12480754 |  12480754 |
|  16777215 |  10573525 |
|  16361215 |  8731833  |
|  16761599 |  6955166  |
|  16769023 |  5111939  |
|  16776447 |  3276905  |
|  |  1572944  |
|  |  56     |
|  |  546    |
|  |  7      |

 12480754

 12480754

 11819250

 13142258

 11223282

 13738226

 10561522

 14399986

 9900018

 15061490

 9502962

 15657458

 16318450

 16777202

# Harmonies

## Analogous

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



2920447



12480754



16273335

# Triad

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



12480754



13402880



45235

# Complementary

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



12480754



10809968

# 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.



44653



12480754



9542144

# Square

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



12480754



16147509



4106023



44784

# Rectangle

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



12480754



16729739



4106023



45212



# Sweetspot

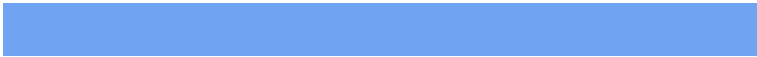
The Sweet Spot groups the original color and five complimentary colors.



12480754



15718143



7382258



7759744



0



8421504



# Same Dimension

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



12480754



12475647



15888613



7564408



7209144



2228280



# Inverse Universe

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



15888548



16735389



7402109



7892081



12058697

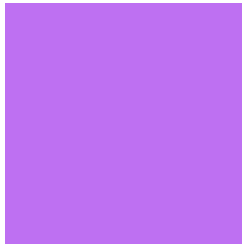


3670038



# Previews

## White Background



This preview shows how the Decimal color 12480754 looks on a white background.

## Color Contrast Check

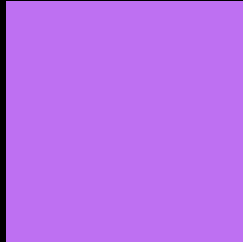
Large Text (above 18pt) WCAG AA ✓ Pass

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 12480754 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

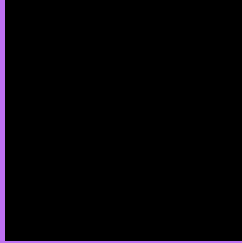
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 12480754 Background



This preview shows how black text looks on a background with the Decimal color 12480754.




This preview shows how white text looks on a background with the Decimal color 12480754.

# 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



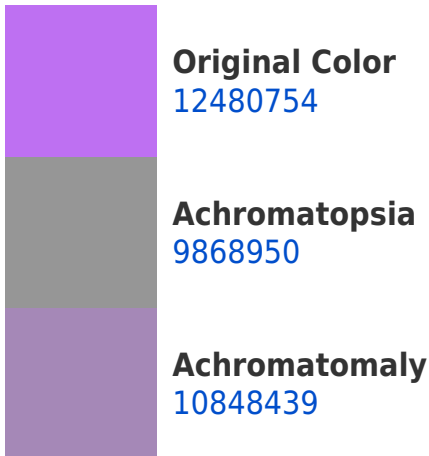


**Tritanopia**  
11438227

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12480754 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 #BE70F2 looks like.

```
.text, #text, p{  
    color:#BE70F2  
}
```

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 #BE70F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE70F2
}
```

## Border

The CSS property to change the border of an element to Decimal 12480754 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
#BE70F2 }
```

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

```
.border{ border-color:#BE70F2 }
```

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

Here you see how a box with a 4 pixel #BE70F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE70F2; -webkit-box-shadow:4px 4px  
4px 4px #BE70F2; box-shadow:4px 4px 4px  
4px #BE70F2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12480754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE70F2 }
```

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

```
.background{ background-color:#BE70F2 }
```

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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