

# Converting Colors

Decimal(12552191)

Have a look what the booklet for  
Decimal(12552191) contains.

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**Color**

**Decimal(12552191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF87FF
RGB	191, 135, 255
RGB Percent	75%, 53%, 100%
CMY	0.2510, 0.4706, 0.0000
CMYK	0.25, 0.47, 0.00, 0.00
HSL	268°, 100%, 76%
HSV	268°, 47%, 100%
XYZ	48.1998, 35.6243, 98.9435
YIQ	165.4240, -5.1440, 49.1920

# Conversions

## Conversions Part 2

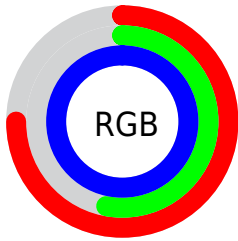
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 135, 255</a>
Decimal	<a href="#">12552191</a>
CIELab	<a href="#">66.23, 44.28, -51.94</a>
CIElCh	<a href="#">66, 68.251, 310.446</a>
Yxy	<a href="#">35.6243, 0.2637, 0.1949</a>
Android (android.graphics.Color)	<a href="#">4290742271 (0xFFBF87FF)</a>
YUV	<a href="#">165.4240, 44.1610, 22.4302</a>
Hunter-Lab	<a href="#">59.6861, 39.6979, -56.5066</a>

# Details

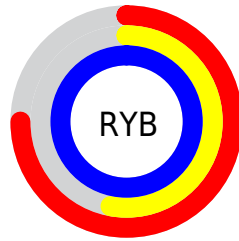
The Decimal color **12552191** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13107079**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16367103**, and **8868806** is the 20% darker color. If you saturate the color by 10%, you get **11628287**, and if you desaturate by 10%, it is **13476351**.

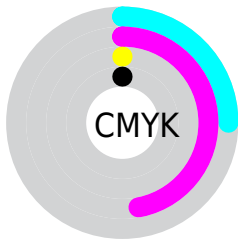
# Distribution



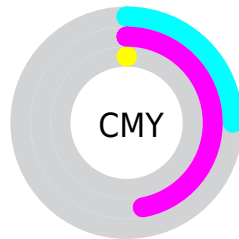
- Red (75%)
- Green (53%)
- Blue (100%)



- Red (75%)
- Yellow (53%)
- Blue (100%)



- Cyan (25%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)

















- Cyan (25%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12552191 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 12552191 by changing the saturation by 10% instead.



 12552191	 12552191
16777215	 10710498
 16367103	 8868806
 16767743	 7027626
 16774911	 5251727
	 3409525
	 1310811
	 67
	 812
	 278

■ 12552191

■ 12552191

■ 11628287

■ 13476351

■ 10769663

■ 14334719

■ 9845503

■ 15258879

■ 8987135

■ 16117247

■ 8063231

16777215

■ 7799039

# Harmonies

## Analogous

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



4170239



12552191



16412107

# Triad

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



12552191



14716707



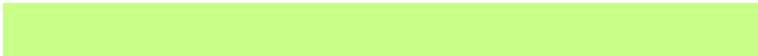
48821

# Complementary

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



12552191



13107079

# 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.



47990



12552191



11314445

# Square

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



12552191



16741716



6861627



48367

# Rectangle

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



12552191



16737443



6861627



48544



# Sweetspot

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



12552191



15522815



8898559



7629440



0



8421504



# Same Dimension

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



12552191



11759871



16484351



7959424



5832895



1966144



# Inverse Universe

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



16746439



16740540



9174919



8418170



12517478



4194338



# Previews

## White Background



This preview shows how the Decimal color 12552191 looks on a white background.

## Color Contrast Check

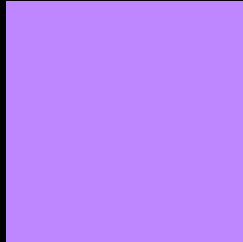
Large Text (above 18pt) WCAG AA × Fail

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 12552191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

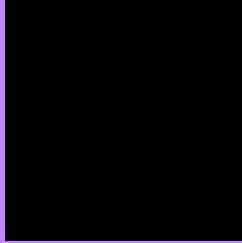
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12552191 Background



This preview shows how black text looks on a background with the Decimal color 12552191.




This preview shows how white text looks on a background with the Decimal color 12552191.

# 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](#).

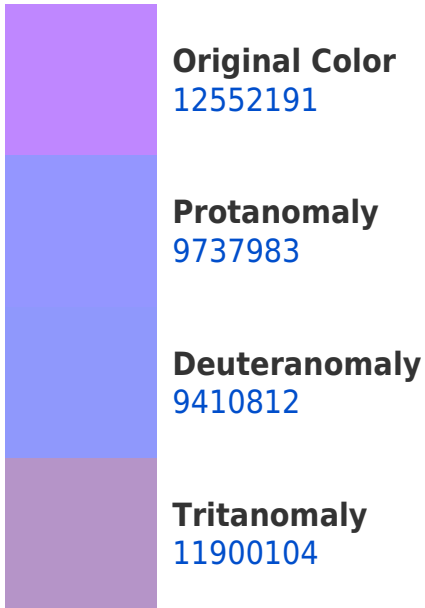
## Dichromacy



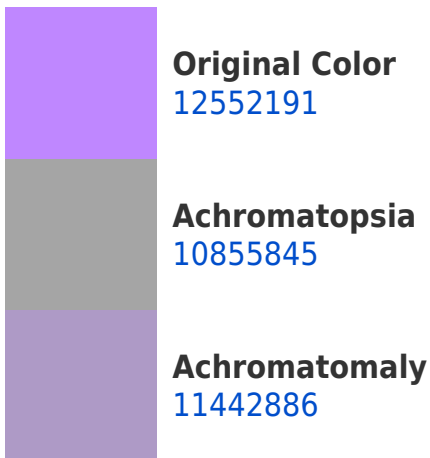


**Tritanopia**  
11508648

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12552191 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 #BF87FF looks like.

```
.text, #text, p{  
    color:#BF87FF  
}
```

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 #BF87FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF87FF
}
```

## Border

The CSS property to change the border of an element to Decimal 12552191 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
#BF87FF }
```

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

```
.border{ border-color:#BF87FF }
```

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

Here you see how a box with a 4 pixel #BF87FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF87FF; -webkit-box-shadow:4px 4px  
4px 4px #BF87FF; box-shadow:4px 4px 4px  
4px #BF87FF }
```

# Background

The CSS property to change the background color of an element to Decimal 12552191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF87FF }
```

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

```
.background{ background-color:#BF87FF }
```

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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