

# Converting Colors

Decimal(12552417)

Have a look what the booklet for  
Decimal(12552417) contains.

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# **Color**

**Decimal(12552417)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF88E1
RGB	191, 136, 225
RGB Percent	75%, 53%, 88%
CMY	0.2510, 0.4667, 0.1176
CMYK	0.15, 0.40, 0.00, 0.12
HSL	277°, 60%, 71%
HSV	277°, 40%, 88%
XYZ	43.8806, 34.1209, 75.5074
YIQ	162.5910, 4.2110, 39.3390

# Conversions

## Conversions Part 2

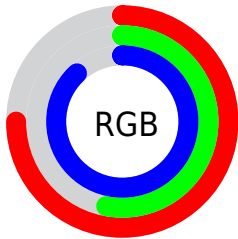
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 136, 225</a>
Decimal	<a href="#">12552417</a>
CIELab	<a href="#">65.06, 37.05, -37.27</a>
CIElCh	<a href="#">65, 52.553, 314.829</a>
Yxy	<a href="#">34.1209, 0.2859, 0.2223</a>
Android (android.graphics.Color)	<a href="#">4290742497</a> ( <a href="#">0xFFBF88E1</a> )
YUV	<a href="#">162.5910, 30.7676, 24.9147</a>
Hunter-Lab	<a href="#">58.4131, 31.8683, -35.7517</a>

# Details

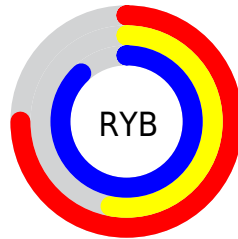
The Decimal color **12552417** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11198856**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16367359**, and **8934825** is the 20% darker color. If you saturate the color by 10%, you get **11956961**, and if you desaturate by 10%, it is **13148129**.

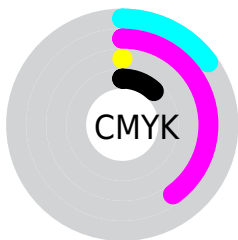
# Distribution



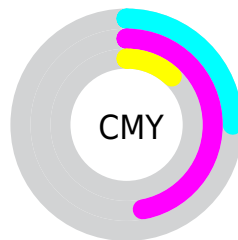
- Red (75%)
- Green (53%)
- Blue (88%)



- Red (75%)
- Yellow (53%)
- Blue (88%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)

















- Cyan (25%)
- Magenta (47%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12552417 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 12552417 by changing the saturation by 10% instead.



 12552417	 12552417
16777215	 10710725
 16367359	 8934825
 16767743	 7158927
 16775167	 5514613
	 3803996
	 2228292
	 65581
	 279
	 0

 12552417

 12552417

 11956961

 13148129

 11426785

 13678049

 10831073


 14273505

 10301153

 14803681

 9705697

 15399137

 9109985

 15990753

 9109729

 16515041

 16777185

# Harmonies

## Analogous

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



7838713



12552417



15235256

# Triad

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



12552417



13472577



46516

# Complementary

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



12552417



11198856

# 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.



46212



12552417



10658622

# Square

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



12552417



15368542



7188056



45791

# Rectangle

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



12552417



16020888



7188056



46500



# Sweetspot

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



12552417



15982847



8956641



7958144



0



8421504



# Same Dimension

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



12552417



13731839



14780631



7103856



7143600



1966128



# Inverse Universe

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



14780586



16746421



8970642



7365993



11534403

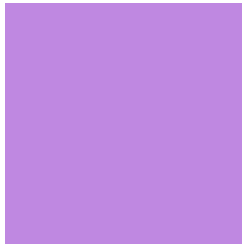


3145747



# Previews

## White Background



This preview shows how the Decimal color 12552417 looks on a white background.

## Color Contrast Check

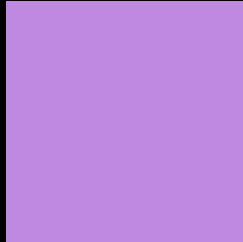
Large Text (above 18pt) WCAG AA × Fail

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 12552417 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

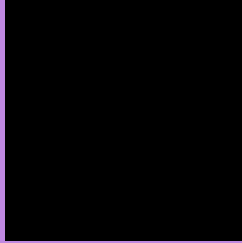
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12552417 Background



This preview shows how black text looks on a background with the Decimal color 12552417.



This preview shows how white text looks on a background with the Decimal color 12552417.

# 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](#).

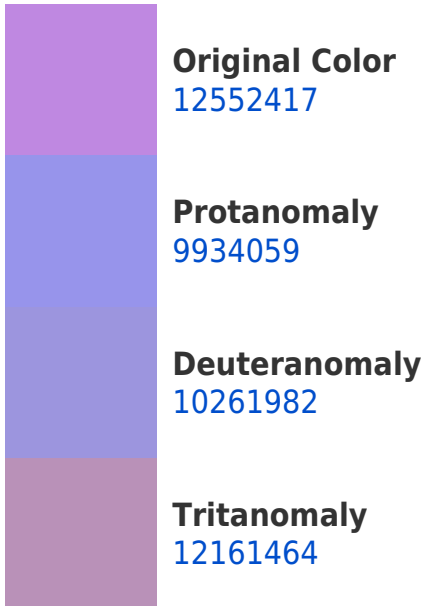
## Dichromacy



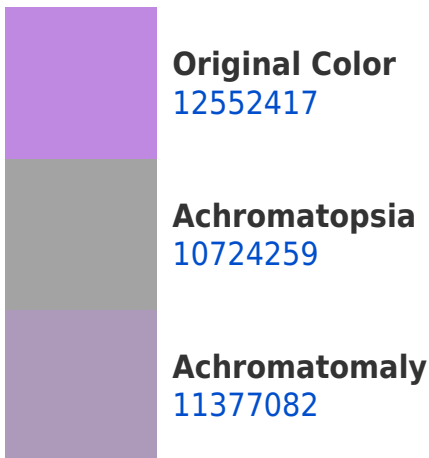


**Tritanopia**  
11900577

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12552417 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 #BF88E1 looks like.

```
.text, #text, p{  
  color:#BF88E1  
}
```

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 #BF88E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF88E1
}
```

## Border

The CSS property to change the border of an element to Decimal 12552417 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
#BF88E1 }
```

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

```
.border{ border-color:#BF88E1 }
```

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

Here you see how a box with a 4 pixel #BF88E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF88E1; -webkit-box-shadow:4px 4px  
4px 4px #BF88E1; box-shadow:4px 4px 4px  
4px #BF88E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12552417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF88E1 }
```

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

```
.background{ background-color:#BF88E1 }
```

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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