

# Converting Colors

Decimal(12361466)

Have a look what the booklet for  
Decimal(12361466) contains.

<b>Decimal(12361466)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12361466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC9EFA
RGB	188, 158, 250
RGB Percent	74%, 62%, 98%
CMY	0.2627, 0.3804, 0.0196
CMYK	0.25, 0.37, 0.00, 0.02
HSL	260°, 90%, 80%
HSV	260°, 37%, 98%
XYZ	50.2212, 42.0472, 95.9115
YIQ	177.4580, -11.6520, 34.9720

# Conversions

## Conversions Part 2

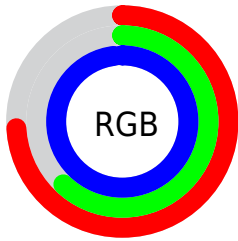
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 158, 250
Decimal	12361466
CIE <sub>Lab</sub>	70.90, 29.64, -41.89
CIE <sub>LCh</sub>	71, 51.311, 305.282
Yxy	42.0472, 0.2669, 0.2234
Android (android.graphics.Color)	4290551546 (0xFFBC9EFA)
YUV	177.4580, 35.7632, 9.2453
Hunter-Lab	64.8438, 24.7707, -42.3060

# Details

The Decimal color **12361466** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **14482078**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16176639**, and **8743617** is the 20% darker color. If you saturate the color by 10%, you get **11240954**, and if you desaturate by 10%, it is **13481978**.

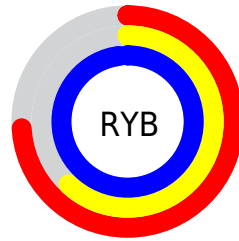
# Distribution



Red (74%)

Green (62%)

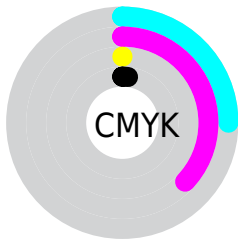
Blue (98%)



Red (74%)

Yellow (62%)

Blue (98%)

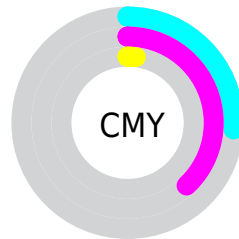


Cyan (25%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (38%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12361466 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 12361466 by changing the saturation by 10% instead.




 12361466

 12361466

16777215

 10519773

 16176639

 8743617

 16773631

 6967974

 5257867

 3548273

 1707608

 131136

 809

 275

■ 12361466

■ 12361466

■ 11240954

■ 13481978

■ 10120442

■ 14602490

■ 8999930

■ 15723002

■ 7944954

■ 16777210

■ 6824442

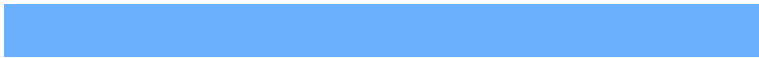
■ 5703930

■ 5374202

# Harmonies

## Analogous

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



7057663



12361466



15633877

# Triad

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



12361466



15244633



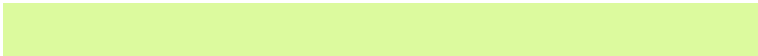
50613

# Complementary

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



12361466



14482078

# 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.



5292677



12361466



12693069

# Square

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



12361466



16747898



9484894



50402

# Rectangle

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



12361466



16746423



9484894



50596



# Sweetspot

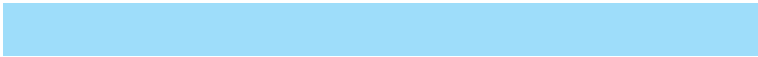
The Sweet Spot groups the original color and five complimentary colors.



12361466



15524863



10411514



7630720



0



8421504



# Same Dimension

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



12361466



11767807



15310586



7696509



4063421



1310781



# Inverse Universe

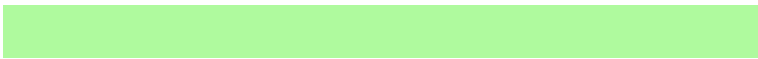
The Inverse Universe completely reimagines the original color for something new.



16424668



16748506



11532958



8220793



12386431

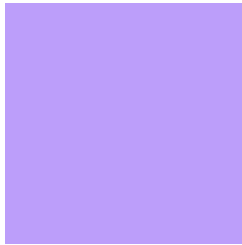


3997737



# Previews

## White Background



This preview shows how the Decimal color 12361466 looks on a white background.

## Color Contrast Check

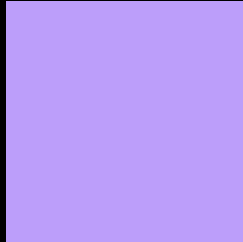
Large Text (above 18pt) WCAG AA × Fail

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 12361466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

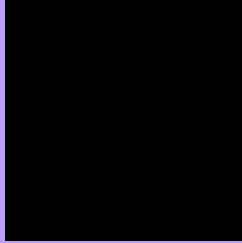
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12361466 Background



This preview shows how black text looks on a background with the Decimal color 12361466.



This preview shows how white text looks on a background with the Decimal color 12361466.

# 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](#).

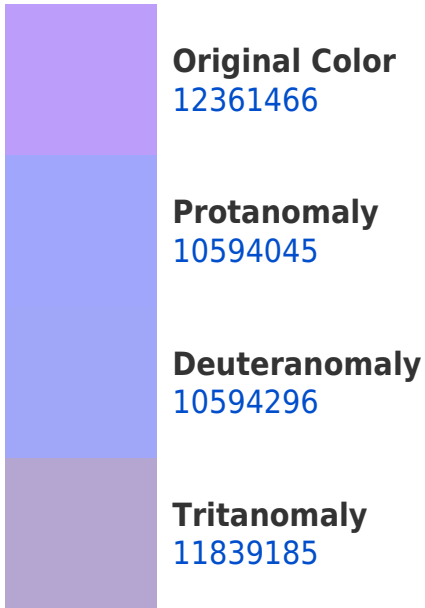
## Dichromacy



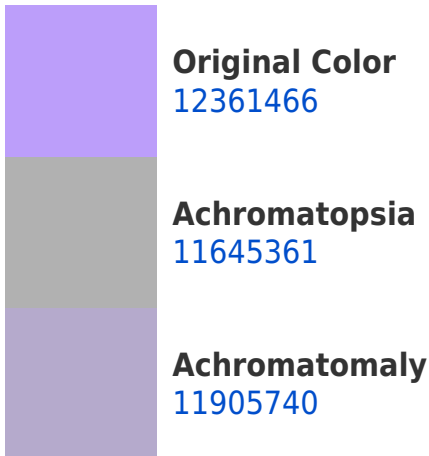


**Tritanopia**  
11578297

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12361466 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 #BC9EFA looks like.

```
.text, #text, p{  
  color:#BC9EFA  
}
```

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 #BC9EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC9EFA
}
```

## Border

The CSS property to change the border of an element to Decimal 12361466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

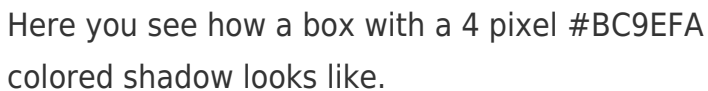
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC9EFA }
```

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

```
.border{ border-color:#BC9EFA }
```

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



Here you see how a box with a 4 pixel `#BC9EFA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC9EFA; -webkit-box-shadow:4px 4px  
4px 4px #BC9EFA; box-shadow:4px 4px 4px  
4px #BC9EFA }
```

# Background

The CSS property to change the background color of an element to Decimal 12361466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC9EFA }
```

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

```
.background{ background-color:#BC9EFA }
```

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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