

# Converting Colors

Decimal(12556799)

Have a look what the booklet for  
Decimal(12556799) contains.

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# **Color**

**Decimal(12556799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF99FF
RGB	191, 153, 255
RGB Percent	75%, 60%, 100%
CMY	0.2510, 0.4000, 0.0000
CMYK	0.25, 0.40, 0.00, 0.00
HSL	262°, 100%, 80%
HSV	262°, 40%, 100%
XYZ	50.9271, 41.0788, 99.8526
YIQ	175.9900, -10.0940, 39.7780

# Conversions

## Conversions Part 2

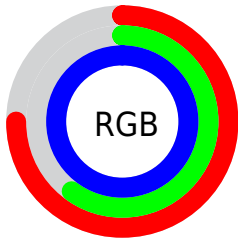
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 153, 255
Decimal	12556799
CIE <sub>Lab</sub>	70.23, 34.42, -45.64
CIE <sub>LCh</sub>	70, 57.162, 307.025
Yxy	41.0788, 0.2654, 0.2141
Android (android.graphics.Color)	4290746879 (0xFFBF99FF)
YUV	175.9900, 38.9519, 13.1638
Hunter-Lab	64.0928, 29.6709, -47.5052

# Details

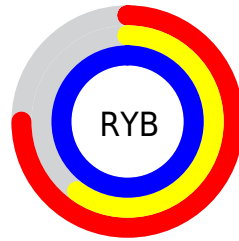
The Decimal color **12556799** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **14286745**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16371967**, and **8873414** is the 20% darker color. If you saturate the color by 10%, you get **11501823**, and if you desaturate by 10%, it is **13612031**.

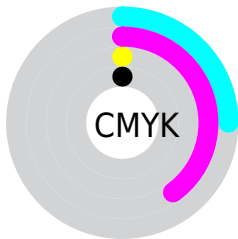
# Distribution



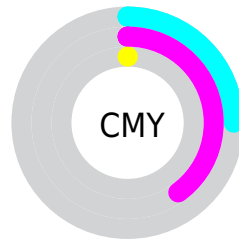
- Red (75%)
- Green (60%)
- Blue (100%)



- Red (75%)
- Yellow (60%)
- Blue (100%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12556799 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 12556799 by changing the saturation by 10% instead.



 12556799

 12556799

16777215

 10715106

 16371967

 8873414

 16772351

 7097770

 5387663

 3612277

 1706076

 131140

 813

 279

■ 12556799

■ 12556799

■ 11501823

■ 13612031

■ 10446591

■ 14667007

■ 9391615

■ 15722239

■ 8336383

16777215

■ 7281151

■ 6226175

# Harmonies

## Analogous

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



6401535



12556799



16090581

# Triad

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



12556799



15309387



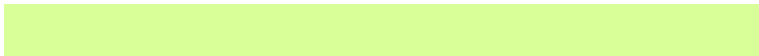
50871

# Complementary

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



12556799



14286745

# 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.



3326849



12556799



12430654

# Square

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



12556799



16746352



8829781



50409

# Rectangle

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



12556799



16744115



8829781



50597



# Sweetspot

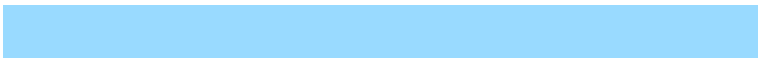
The Sweet Spot groups the original color and five complimentary colors.



12556799



15524095



10083071



7630464



0



8421504



# Same Dimension

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



12556799



11699711



15833599



7893888



4653247



1572928



# Inverse Universe

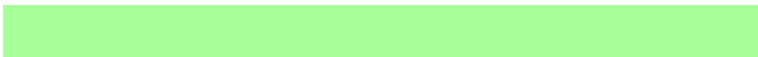
The Inverse Universe completely reimagines the original color for something new.



16751065



16745937



11009945



8418171



12517496

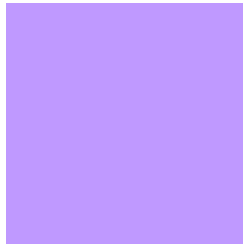


4194344



# Previews

## White Background



This preview shows how the Decimal color 12556799 looks on a white background.

## Color Contrast Check

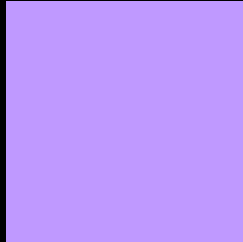
Large Text (above 18pt) WCAG AA × Fail

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 12556799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

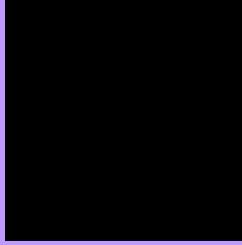
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12556799 Background



This preview shows how black text looks on a background with the Decimal color 12556799.



This preview shows how white text looks on a background with the Decimal color 12556799.

# 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**  
11708854

# Trichromacy



**Original Color**  
12556799



**Protanomaly**  
10527743



**Deuteranomaly**  
10331388



**Tritanomaly**  
12035025

# Monochromacy



**Original Color**  
12556799



**Achromatopsia**  
11579568



**Achromatomaly**  
11905229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12556799 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 #BF99FF looks like.

```
.text, #text, p{  
    color:#BF99FF  
}
```

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 #BF99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF99FF
}
```

## Border

The CSS property to change the border of an element to Decimal 12556799 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
#BF99FF }
```

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

```
.border{ border-color:#BF99FF }
```

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

Here you see how a box with a 4 pixel #BF99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF99FF; -webkit-box-shadow:4px 4px  
4px 4px #BF99FF; box-shadow:4px 4px 4px  
4px #BF99FF }
```

# Background

The CSS property to change the background color of an element to Decimal 12556799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF99FF }
```

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

```
.background{ background-color:#BF99FF }
```

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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