

# Converting Colors

Decimal(12789247)

Have a look what the booklet for  
Decimal(12789247) contains.

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# Color

**Decimal(12789247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C325FF
RGB	195, 37, 255
RGB Percent	76%, 15%, 100%
CMY	0.2353, 0.8549, 0.0000
CMYK	0.24, 0.85, 0.00, 0.00
HSL	283°, 100%, 57%
HSV	283°, 85%, 100%
XYZ	41.2172, 20.1452, 96.3238
YIQ	109.0940, 24.1900, 101.2940

# Conversions

## Conversions Part 2

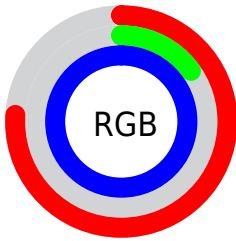
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 37, 255
Decimal	12789247
CIE Lab	52.00, 85.35, -74.75
CIE LCh	52, 113.456, 318.787
Yxy	20.1452, 0.2614, 0.1278
Android (android.graphics.Color)	4290979327 (0xFFC325FF)
YUV	109.0940, 71.9317, 75.3396
Hunter-Lab	44.8834, 85.3736, -95.8231

# Details

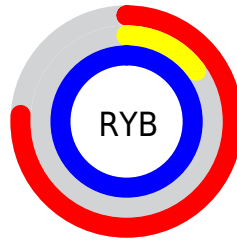
The Decimal color **12789247** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **6422309**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16739071**, and **8847557** is the 20% darker color. If you saturate the color by 10%, you get **12324095**, and if you desaturate by 10%, it is **13254655**.

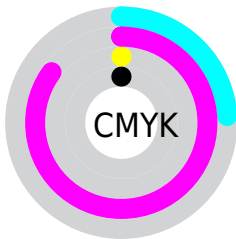
# Distribution



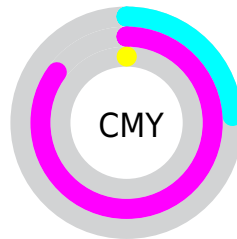
- Red (76%)
- Green (15%)
- Blue (100%)



- Red (76%)
- Yellow (15%)
- Blue (100%)



- Cyan (24%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (85%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12789247 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 12789247 by changing the saturation by 10% instead.



 12789247

 12789247

16777215

 10813666

 16739071

 8847557

 16747007

 6815913

 16754431

 4849806

 16762111

 2752627

 16769791

 89

 321

 810

 276

■ 12789247

■ 12789247

■ 12324095

■ 13254655

■ 12124415

■ 13719807

■ 14185215

■ 14650367

■ 15115775

■ 15580927

■ 16046335

■ 16511487

16777215

# Harmonies

## Analogous

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



30207



12789247



16711845

# Triad

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



12789247



11889408



41145

# Complementary

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



12789247



6422309

# 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.



40275



12789247



6064640

# Square

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



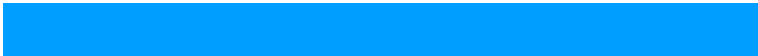
12789247



16063232



38912



40959

# Rectangle

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



12789247



16711781



38912



40856



# Sweetspot

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



12789247



15580671



2450431



7690368



0



8421504



# Same Dimension

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



12789247



12124415



16721360



8156032



9109695



3014720



# Inverse Universe

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



16721249



16711750



2490196



8418166



12517429

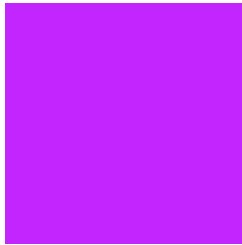


4194322



# Previews

## White Background



This preview shows how the Decimal color 12789247 looks on a white background.

## Color Contrast Check

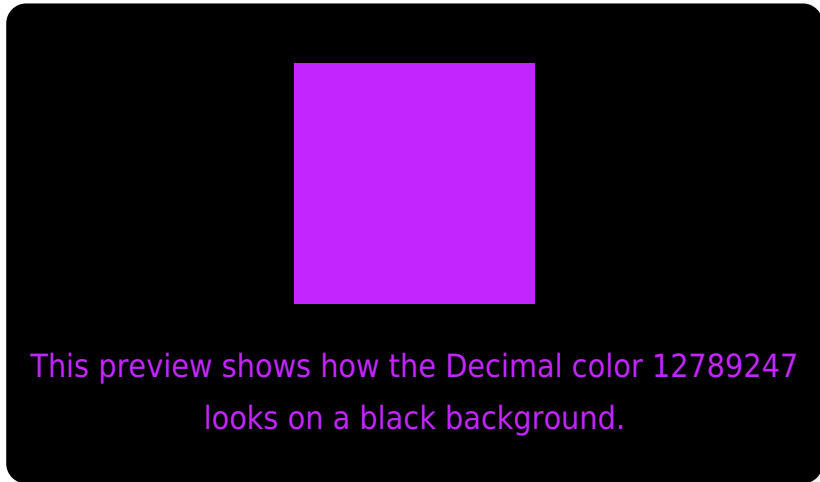
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

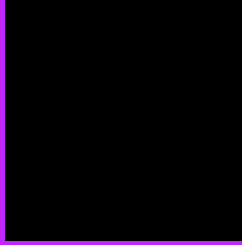
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12789247 Background



This preview shows how black text looks on a background with the Decimal color 12789247.




This preview shows how white text looks on a background with the Decimal color 12789247.

# 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**  
11364464

# Trichromacy



**Original Color**  
12789247



**Protanomaly**  
4676350



**Deuteranomaly**  
4677353



**Tritanomaly**  
11882660

# Monochromacy



**Original Color**  
12789247



**Achromatopsia**  
7171437



**Achromatomaly**  
9196450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12789247 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 #C325FF looks like.

```
.text, #text, p{  
    color:#C325FF  
}
```

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 #C325FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C325FF
}
```

## Border

The CSS property to change the border of an element to Decimal 12789247 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
#C325FF }
```

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

```
.border{ border-color:#C325FF }
```

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

Here you see how a box with a 4 pixel #C325FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C325FF; -webkit-box-shadow:4px 4px  
4px 4px #C325FF; box-shadow:4px 4px 4px  
4px #C325FF }
```

# Background

The CSS property to change the background color of an element to Decimal 12789247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C325FF }
```

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

```
.background{ background-color:#C325FF }
```

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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