

Converting Colors

Decimal(13987570)

Have a look what the booklet for
Decimal(13987570) contains.

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Color

Decimal(13987570)

Conversions

Conversions Part 1

Format	Color
Hex	D56EF2
RGB	213, 110, 242
RGB Percent	84%, 43%, 95%
CMY	0.1647, 0.5686, 0.0510
CMYK	0.12, 0.55, 0.00, 0.05
HSL	287°, 84%, 69%
HSV	287°, 55%, 95%
XYZ	49.0435, 31.7088, 87.5399
YIQ	155.8450, 19.0160, 62.8880

Conversions

Conversions Part 2

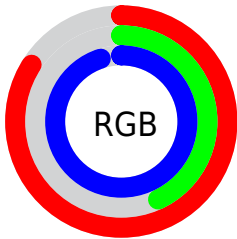
Format	Color
R _Y B	213, 110, 242
Decimal	13987570
CIE Lab	63.10, 60.08, -49.59
CIE LCh	63, 77.904, 320.465
Yxy	31.7088, 0.2914, 0.1884
Android (android.graphics.Color)	4292177650 (0xFFD56EF2)
YUV	155.8450, 42.4744, 50.1249
Hunter-Lab	56.3106, 56.9205, -52.7543

Details

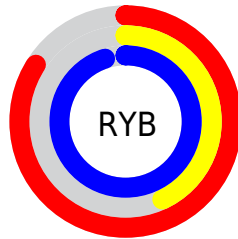
The Decimal color **13987570** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9171566**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16754175**, and **10172345** is the 20% darker color. If you saturate the color by 10%, you get **13653746**, and if you desaturate by 10%, it is **14321394**.

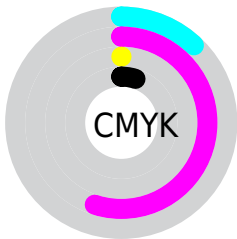
Distribution



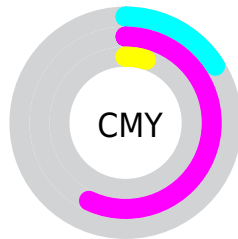
- Red (84%)
- Green (43%)
- Blue (95%)



- Red (84%)
- Yellow (43%)
- Blue (95%)



- Cyan (12%)
- Magenta (55%)
- Yellow (0%)
- Black (5%)


















- Cyan (16%)
- Magenta (57%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13987570 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 13987570 by changing the saturation by 10% instead.

 13987570	 13987570
16777215	 12080085
 16754175	 10172345
 16761599	 8328862
 16769023	 6553731
 16776447	 4718697
	 3014737
	 1048633
	 546
	 8

■ 13987570

■ 13987570

■ 13653746

■ 14321394

■ 13254386

■ 14720754

■ 12920306

■ 15054834

■ 12586482

■ 15388658

■ 12386546

■ 15788018

■ 16121842

■ 16449522

■ 16777202

Harmonies

Analogous

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



6394111



13987570



16731826

Triad

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



13987570



13274624



47303

Complementary

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



13987570



9171566

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.



46719



13987570



9085952

Square

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



13987570



16346923



2142263



46335

Rectangle

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



13987570



16730756



2142263



47280

Sweetspot

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



13987570



16176895



7245298



8021888



0



8421504

Same Dimension

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



13987570



14375423



15888079



7695480



9371832



2883640

Inverse Universe

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



15888011



16734590



7271057



7892078



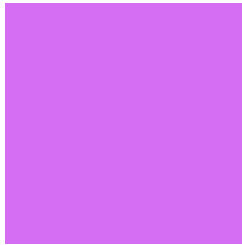
12058664



3670028

Previews

White Background



This preview shows how the Decimal color 13987570 looks on a white background.

Color Contrast Check

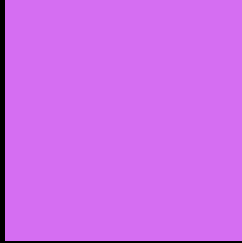
Large Text (above 18pt) WCAG AA × Fail

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 13987570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

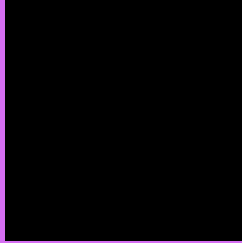
Any Text WCAG AA ✓ Pass

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 13987570 Background



This preview shows how black text looks on a background with the Decimal color 13987570.



This preview shows how white text looks on a background with the Decimal color 13987570.

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
13076369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13987570 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 #D56EF2 looks like.

```
.text, #text, p{  
    color:#D56EF2  
}
```

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 #D56EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56EF2
}
```

Border

The CSS property to change the border of an element to Decimal 13987570 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
#D56EF2 }
```

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

```
.border{ border-color:#D56EF2 }
```

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

Here you see how a box with a 4 pixel #D56EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56EF2; -webkit-box-shadow:4px 4px  
4px 4px #D56EF2; box-shadow:4px 4px 4px  
4px #D56EF2 }
```

Background

The CSS property to change the background color of an element to Decimal 13987570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56EF2 }
```

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

```
.background{ background-color:#D56EF2 }
```

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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