

Converting Colors

Decimal(16725985)

Have a look what the booklet for
Decimal(16725985) contains.

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Color

Decimal(16725985)

Conversions

Conversions Part 1

Format	Color
Hex	FF37E1
RGB	255, 55, 225
RGB Percent	100%, 22%, 88%
CMY	0.0000, 0.7843, 0.1176
CMYK	0.00, 0.78, 0.12, 0.00
HSL	309°, 100%, 61%
HSV	309°, 78%, 100%
XYZ	56.1968, 29.4286, 73.9526
YIQ	134.1800, 64.6300, 95.2700

Conversions

Conversions Part 2

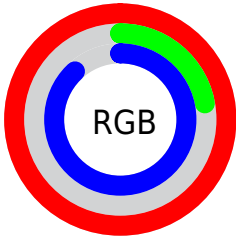
Format	Color
R _Y B	255, 55, 225
Decimal	16725985
CIE Lab	61.16, 87.08, -42.77
CIE LCh	61, 97.017, 333.840
Yxy	29.4286, 0.3522, 0.1844
Android (android.graphics.Color)	4294916065 (0xFFFF37E1)
YUV	134.1800, 44.7743, 105.9591
Hunter-Lab	54.2482, 89.9776, -42.8520

Details

The Decimal color **16725985** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **3669845**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16743679**, and **12714153** is the 20% darker color. If you saturate the color by 10%, you get **16719325**, and if you desaturate by 10%, it is **16732645**.

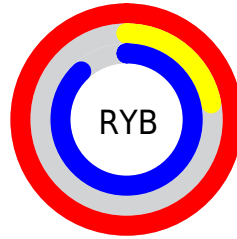
Distribution



Red (100%)

Green (22%)

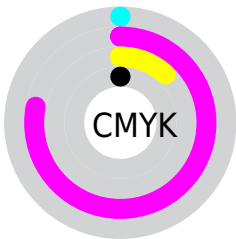
Blue (88%)



Red (100%)

Yellow (22%)

Blue (88%)

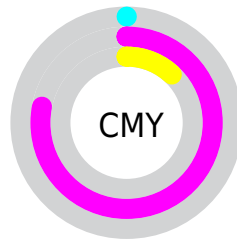


Cyan (0%)

Magenta (78%)

Yellow (12%)

Black (0%)



Cyan (0%)

















Magenta (78%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16725985 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 16725985 by changing the saturation by 10% instead.

 16725985	 16725985
16777215	 14680261
 16743679	 12714153
 16751615	 10748046
 16759295	 8781940
 16767231	 6881371
 16774911	 5111875
	 3145772
	 196629
	 0

■ 16725985

■ 16725985

■ 16719325

■ 16732645

■ 16712921

■ 16739049

■ 16711897

■ 16745708

■ 16752112

■ 16758516

■ 16765176

■ 16771836

16777215

Harmonies

Analogous

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



9926399



16725985



16711821

Triad

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



16725985



11113472



47090

Complementary

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



16725985



3669845

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.



47005



16725985



4958208

Square

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



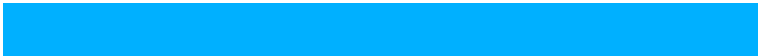
16725985



15560704



45632



45311

Rectangle

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



16725985



16716117



45632



47063

Sweetspot

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



16725985



16761590



5584895



8412026



0



8421504

Same Dimension

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



16725985



16715739



16725885



8418174



12517539



4194358

Inverse Universe

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



16725985



16715739



3669945



8418174



12517539



4194358

Previews

White Background



This preview shows how the Decimal color 16725985 looks on a white background.

Color Contrast Check

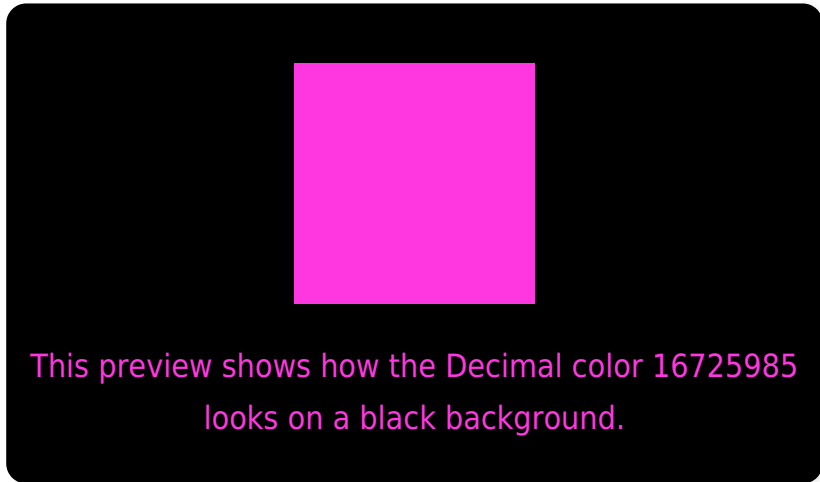
Large Text (above 18pt) WCAG AA ✓ Pass

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

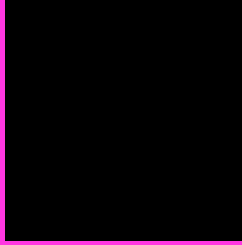
Any Text WCAG AA ✓ Pass

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 16725985 Background



This preview shows how black text looks on a background with the Decimal color 16725985.



This preview shows how white text looks on a background with the Decimal color 16725985.

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



Trichromacy



Original Color
16725985



Protanomaly
10121460



Deuteranomaly
11170265



Tritanomaly
16274581

Monochromacy



Original Color
16725985



Achromatopsia
8816262



Achromatomaly
11692455

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16725985 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 #FF37E1 looks like.

```
.text, #text, p{  
    color:#FF37E1  
}
```

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 #FF37E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF37E1
}
```

Border

The CSS property to change the border of an element to Decimal 16725985 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
#FF37E1 }
```

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

```
.border{ border-color:#FF37E1 }
```

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

Here you see how a box with a 4 pixel #FF37E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF37E1; -webkit-box-shadow:4px 4px  
4px 4px #FF37E1; box-shadow:4px 4px 4px  
4px #FF37E1 }
```

Background

The CSS property to change the background color of an element to Decimal 16725985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF37E1 }
```

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

```
.background{ background-color:#FF37E1 }
```

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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