

Converting Colors

Decimal(16740585)

Have a look what the booklet for
Decimal(16740585) contains.

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Color

Decimal(16740585)

Conversions

Conversions Part 1

Format	Color
Hex	FF70E9
RGB	255, 112, 233
RGB Percent	100%, 44%, 91%
CMY	0.0000, 0.5608, 0.0863
CMYK	0.00, 0.56, 0.09, 0.00
HSL	309°, 100%, 72%
HSV	309°, 56%, 100%
XYZ	61.7422, 38.7315, 81.3126
YIQ	168.5510, 46.3870, 67.9470

Conversions

Conversions Part 2

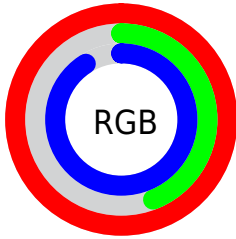
Format	Color
RYB	255, 112, 233
Decimal	16740585
CIELab	68.56, 68.56, -35.67
CIELCh	69, 77.284, 332.517
Yxy	38.7315, 0.3396, 0.2131
Android (android.graphics.Color)	4294930665 (0xFFFF70E9)
YUV	168.5510, 31.7734, 75.8158
Hunter-Lab	62.2347, 68.1767, -33.9009

Details

The Decimal color **16740585** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7405446**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16755199**, and **12793009** is the 20% darker color. If you saturate the color by 10%, you get **16734181**, and if you desaturate by 10%, it is **16747245**.

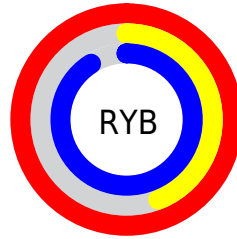
Distribution



Red (100%)

Green (44%)

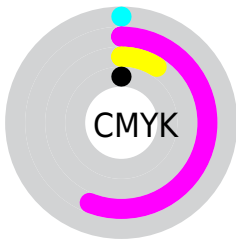
Blue (91%)



Red (100%)

Yellow (44%)

Blue (91%)

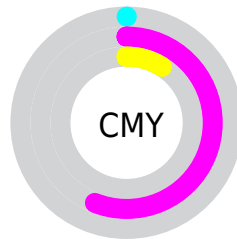


Cyan (0%)

Magenta (56%)

Yellow (9%)

Black (0%)



Cyan (0%)















Magenta (56%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16740585 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 16740585 by changing the saturation by 10% instead.

 16740585	 16740585
16777215	 14767053
 16755199	 12793009
 16762879	 10880150
 16770303	 9044092
	 7143522
	 5374026
	 3735603
	 1638429
	 0

 16740585

 16740585

 16734181

 16747245

 16727521

 16753649

 16720861

 16760309

 16714457

 16766713

 16711896

 16773373

16777215

Harmonies

Analogous

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



11375359



16740585



16735396

Triad

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



16740585



12822016



50929

Complementary

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



16740585



7405446

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.



51115



16740585



8108058

Square

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



16740585



16419616



50019



49151

Rectangle

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



16740585



16737142



50019



51163

Sweetspot

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



16740585



16766200



8745215



8414844



0



8421504

Same Dimension

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



16740585



16733413



16740514



8418174



12517538



4194358

Inverse Universe

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



16740585



16733413



7405517



8418174



12517538



4194358

Previews

White Background



This preview shows how the Decimal color 16740585 looks on a white background.

Color Contrast Check

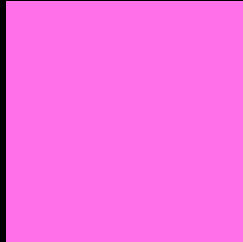
Large Text (above 18pt) WCAG AA × Fail

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 16740585 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 16740585 Background



This preview shows how black text looks on a background with the Decimal color 16740585.



This preview shows how white text looks on a background with the Decimal color 16740585.

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
16090768

Trichromacy



Original Color
16740585



Protanomaly
11768567



Deuteranomaly
12423907



Tritanomaly
16350896

Monochromacy



Original Color
16740585



Achromatopsia
11119017



Achromatomaly
13145280

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16740585 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 #FF70E9 looks like.

```
.text, #text, p{  
    color:#FF70E9  
}
```

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 #FF70E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF70E9
}
```

Border

The CSS property to change the border of an element to Decimal 16740585 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
#FF70E9 }
```

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

```
.border{ border-color:#FF70E9 }
```

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

Here you see how a box with a 4 pixel #FF70E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF70E9; -webkit-box-shadow:4px 4px  
4px 4px #FF70E9; box-shadow:4px 4px 4px  
4px #FF70E9 }
```

Background

The CSS property to change the background color of an element to Decimal 16740585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF70E9 }
```

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

```
.background{ background-color:#FF70E9 }
```

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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