

Converting Colors

Decimal(16742376)

Have a look what the booklet for
Decimal(16742376) contains.

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Color

Decimal(16742376)

Conversions

Conversions Part 1

Format	Color
Hex	FF77E8
RGB	255, 119, 232
RGB Percent	100%, 47%, 91%
CMY	0.0000, 0.5333, 0.0902
CMYK	0.00, 0.53, 0.09, 0.00
HSL	310°, 100%, 73%
HSV	310°, 53%, 100%
XYZ	62.4023, 40.2798, 80.8298
YIQ	172.5460, 44.7830, 63.9750

Conversions

Conversions Part 2

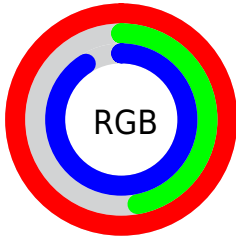
Format	Color
R _Y B	255, 119, 232
Decimal	16742376
CIE _{Lab}	69.67, 65.31, -33.39
CIE _{LCh}	70, 73.347, 332.922
Yxy	40.2798, 0.3400, 0.2195
Android (android.graphics.Color)	4294932456 (0xFFFF77E8)
YUV	172.5460, 29.3108, 72.3122
Hunter-Lab	63.4664, 64.4410, -31.0843

Details

The Decimal color **16742376** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7864206**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16756991**, and **12860848** is the 20% darker color. If you saturate the color by 10%, you get **16735972**, and if you desaturate by 10%, it is **16749036**.

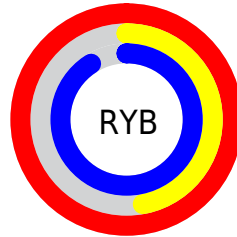
Distribution



Red (100%)

Green (47%)

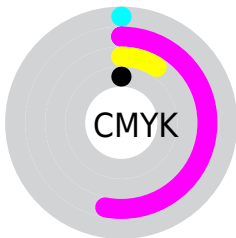
Blue (91%)



Red (100%)

Yellow (47%)

Blue (91%)

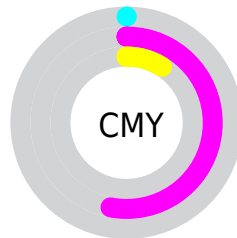


Cyan (0%)

Magenta (53%)

Yellow (9%)

Black (0%)



Cyan (0%)















Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16742376 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 16742376 by changing the saturation by 10% instead.

 16742376	 16742376
16777215	 14769100
 16756991	 12860848
 16764415	 10951061
 16771839	 9044091
	 7209058
	 5439561
	 3801139
	 1769500
	 0

 16742376

 16742376

 16735972

 16749036

 16729311

 16755441

 16722651

 16761845

 16716247

 16768505

 16711892

 16775166

16777215

Harmonies

Analogous

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



11704063



16742376



16737958

Triad

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



16742376



12953856



51441

Complementary

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



16742376



7864206

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.



51631



16742376



8502060

Square

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



16742376



16355373



50538



49663

Rectangle

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



16742376



16739451



50538



51676

Sweetspot

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



16742376



16766712



9336831



8415099



0



8421504

Same Dimension

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



16742376



16735459



16742308



8418173



12517535



4194357

Inverse Universe

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



16742376



16735459



7864274



8418173



12517535



4194357

Previews

White Background



This preview shows how the Decimal color 16742376 looks on a white background.

Color Contrast Check

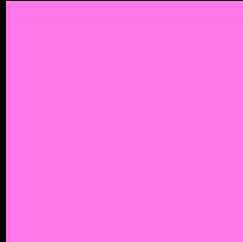
Large Text (above 18pt) WCAG AA × Fail

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 16742376 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 16742376 Background



This preview shows how black text looks on a background with the Decimal color 16742376.




This preview shows how white text looks on a background with the Decimal color 16742376.

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
16157589

Trichromacy



Original Color
16742376



Protanomaly
11966199



Deuteranomaly
12687075



Tritanomaly
16352435

Monochromacy



Original Color
16742376



Achromatopsia
11382189



Achromatomaly
13343170

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16742376 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 #FF77E8 looks like.

```
.text, #text, p{  
    color:#FF77E8  
}
```

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 #FF77E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF77E8
}
```

Border

The CSS property to change the border of an element to Decimal 16742376 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
#FF77E8 }
```

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

```
.border{ border-color:#FF77E8 }
```

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

Here you see how a box with a 4 pixel #FF77E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF77E8; -webkit-box-shadow:4px 4px  
4px 4px #FF77E8; box-shadow:4px 4px 4px  
4px #FF77E8 }
```

Background

The CSS property to change the background color of an element to Decimal 16742376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF77E8 }
```

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

```
.background{ background-color:#FF77E8 }
```

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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