

Converting Colors

Decimal(16729832)

Have a look what the booklet for
Decimal(16729832) contains.

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Color

Decimal(16729832)

Conversions

Conversions Part 1

Format	Color
Hex	FF46E8
RGB	255, 70, 232
RGB Percent	100%, 27%, 91%
CMY	0.0000, 0.7255, 0.0902
CMYK	0.00, 0.73, 0.09, 0.00
HSL	307°, 100%, 64%
HSV	307°, 73%, 100%
XYZ	57.9956, 31.4665, 79.3609
YIQ	143.7830, 58.2580, 89.6020

Conversions

Conversions Part 2

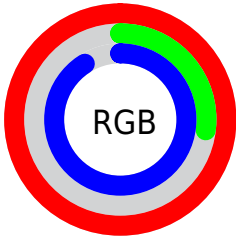
Format	Color
R_{YB}	255, 70, 232
Decimal	16729832
CIE _{Lab}	62.90, 84.00, -43.96
CIE _{LCh}	63, 94.809, 332.379
Yxy	31.4665, 0.3435, 0.1864
Android (android.graphics.Color)	4294919912 (0xFFFF46E8)
YUV	143.7830, 43.4910, 97.5373
Hunter-Lab	56.0950, 86.3817, -44.6145

Details

The Decimal color **16729832** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **4652893**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16746239**, and **12714160** is the 20% darker color. If you saturate the color by 10%, you get **16723429**, and if you desaturate by 10%, it is **16736491**.

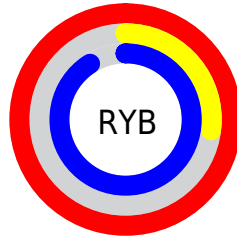
Distribution



Red (100%)

Green (27%)

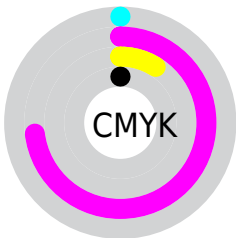
Blue (91%)



Red (100%)

Yellow (27%)

Blue (91%)

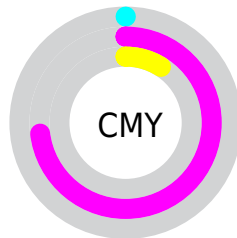


Cyan (0%)

Magenta (73%)

Yellow (9%)

Black (0%)



Cyan (0%)
















Magenta (73%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16729832 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 16729832 by changing the saturation by 10% instead.

 16729832	 16729832
16777215	 14686668
 16746239	 12714160
 16753919	 10748053
 16761855	 8847482
 16769535	 6946913
	 5111881
	 3211313
	 655387
	 0

16729832

16729832

16723429

16736491

16716770

16742894

16711903

16749554

16755957

16762616

16769019

16775678

16777215

Harmonies

Analogous

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



9797375



16729832



16711829

Triad

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



16729832



11704064



48113

Complementary

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



16729832



4652893

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.



48029



16729832



5942272

Square

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



16729832



16020480



46914



46335

Rectangle

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



16729832



16721502



46914



48343

Sweetspot

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



16729832



16762872



6047487



8412795



0



8421504

Same Dimension

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



16729832



16720355



16729741



8418174



12517543



4194360

Inverse Universe

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



16729832



16720355



4652984



8418174



12517543



4194360

Previews

White Background



This preview shows how the Decimal color 16729832 looks on a white background.

Color Contrast Check

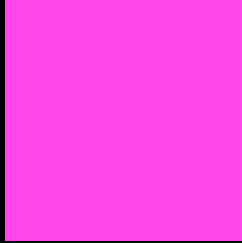
Large Text (above 18pt) WCAG AA × Fail

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 16729832 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 16729832 Background



This preview shows how black text looks on a background with the Decimal color 16729832.




This preview shows how white text looks on a background with the Decimal color 16729832.

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
15953268

Trichromacy



Original Color
16729832



Protanomaly
10582263



Deuteranomaly
11303648



Tritanomaly
16211870

Monochromacy



Original Color
16729832



Achromatopsia
9474192



Achromatomaly
12088752

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16729832 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 #FF46E8 looks like.

```
.text, #text, p{  
    color:#FF46E8  
}
```

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 #FF46E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF46E8
}
```

Border

The CSS property to change the border of an element to Decimal 16729832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

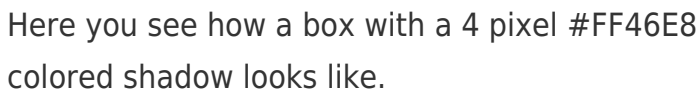
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF46E8 }
```

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

```
.border{ border-color:#FF46E8 }
```

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



Here you see how a box with a 4 pixel #FF46E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF46E8; -webkit-box-shadow:4px 4px  
4px 4px #FF46E8; box-shadow:4px 4px 4px  
4px #FF46E8 }
```

Background

The CSS property to change the background color of an element to Decimal 16729832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF46E8 }
```

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

```
.background{ background-color:#FF46E8 }
```

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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