

Converting Colors

Decimal(16729840)

Have a look what the booklet for
Decimal(16729840) contains.

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Color

Decimal(16729840)

Conversions

Conversions Part 1

Format	Color
Hex	FF46F0
RGB	255, 70, 240
RGB Percent	100%, 27%, 94%
CMY	0.0000, 0.7255, 0.0588
CMYK	0.00, 0.73, 0.06, 0.00
HSL	305°, 100%, 64%
HSV	305°, 73%, 100%
XYZ	59.1583, 31.9316, 85.4835
YIQ	144.6950, 55.6900, 92.0900

Conversions

Conversions Part 2

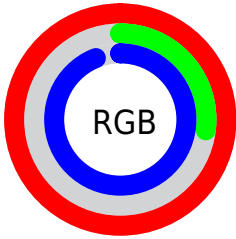
Format	Color
R _Y B	255, 70, 240
Decimal	16729840
CIE Lab	63.29, 85.15, -47.80
CIE LCh	63, 97.652, 330.691
Yxy	31.9316, 0.3350, 0.1808
Android (android.graphics.Color)	4294919920 (0xFFFF46F0)
YUV	144.6950, 46.9854, 96.7375
Hunter-Lab	56.5080, 87.9828, -50.1363

Details

The Decimal color **16729840** 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 **4652885**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16746239**, and **12714167** is the 20% darker color. If you saturate the color by 10%, you get **16723438**, and if you desaturate by 10%, it is **16736498**.

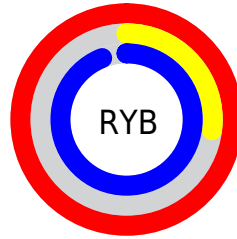
Distribution



Red (100%)

Green (27%)

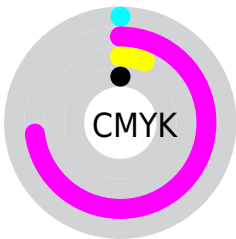
Blue (94%)



Red (100%)

Yellow (27%)

Blue (94%)

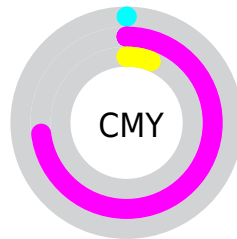


Cyan (0%)

Magenta (73%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16729840 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 16729840 by changing the saturation by 10% instead.

 16729840

 16729840

16777215

 14686675

 16746239

 12714167

 16754175

 10748060

 16761855

 8847489

 16769535

 6946920

 5111887

 3211319

 786464

 4

16729840

16729840

16723438

16736498

16716780

16742900

16711914

16749558

16755960

16762618

16769020

16775678

16777215

Harmonies

Analogous

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



9142527



16729840



16711835

Triad

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



16729840



12097280



48625

Complementary

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



16729840



4652885

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.



48537



16729840



6204672

Square

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



16729840



16412928



47163



47103

Rectangle

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



16729840



16716642



47163



48597

Sweetspot

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



16729840



16762874



5392127



8412797



0



8421504

Same Dimension

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



16729840



16720365



16729750



8418174



12517552



4194363

Inverse Universe

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



16729840



16720365



4652975



8418174



12517552



4194363

Previews

White Background



This preview shows how the Decimal color 16729840 looks on a white background.

Color Contrast Check

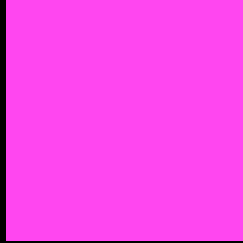
Large Text (above 18pt) WCAG AA × Fail

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 16729840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

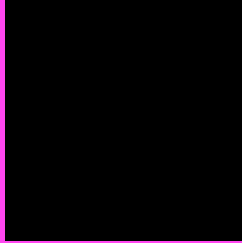
Any Text WCAG AA ✓ Pass

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 16729840 Background



This preview shows how black text looks on a background with the Decimal color 16729840.



This preview shows how white text looks on a background with the Decimal color 16729840.

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
15888247

Trichromacy



Original Color
16729840



Protanomaly
10582522



Deuteranomaly
11107048



Tritanomaly
16212131

Monochromacy



Original Color
16729840



Achromatopsia
9539985



Achromatomaly
12154548

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16729840 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 #FF46F0 looks like.

```
.text, #text, p{  
    color:#FF46F0  
}
```

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 #FF46F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF46F0
}
```

Border

The CSS property to change the border of an element to Decimal 16729840 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
#FF46F0 }
```

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

```
.border{ border-color:#FF46F0 }
```

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

Here you see how a box with a 4 pixel #FF46F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF46F0; -webkit-box-shadow:4px 4px  
4px 4px #FF46F0; box-shadow:4px 4px 4px  
4px #FF46F0 }
```

Background

The CSS property to change the background color of an element to Decimal 16729840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF46F0 }
```

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

```
.background{ background-color:#FF46F0 }
```

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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