

Converting Colors

Decimal(16686836)

Have a look what the booklet for
Decimal(16686836) contains.

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Color

Decimal(16686836)

Conversions

Conversions Part 1

Format	Color
Hex	FE9EF4
RGB	254, 158, 244
RGB Percent	100%, 62%, 96%
CMY	0.0039, 0.3804, 0.0431
CMYK	0.00, 0.38, 0.04, 0.00
HSL	306°, 98%, 81%
HSV	306°, 38%, 100%
XYZ	69.4290, 52.0562, 91.9765
YIQ	196.5080, 29.6100, 47.0980

Conversions

Conversions Part 2

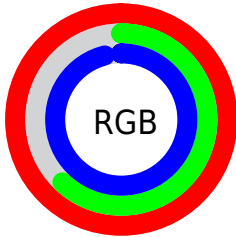
Format	Color
RYB	254, 158, 244
Decimal	16686836
CIELab	77.31, 48.09, -28.17
CIELCh	77, 55.731, 329.633
Yxy	52.0562, 0.3253, 0.2439
Android (android.graphics.Color)	4294876916 (0xFFFE9EF4)
YUV	196.5080, 23.4136, 50.4205
Hunter-Lab	72.1500, 45.5059, -25.0776

Details

The Decimal color **16686836** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10419880**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16766719**, and **12871868** is the 20% darker color. If you saturate the color by 10%, you get **16680433**, and if you desaturate by 10%, it is **16693239**.

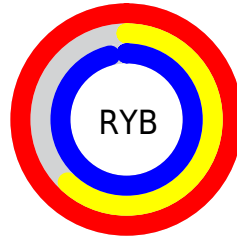
Distribution



Red (100%)

Green (62%)

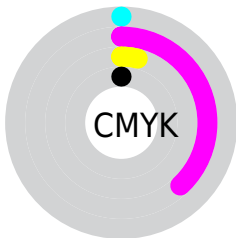
Blue (96%)



Red (100%)

Yellow (62%)

Blue (96%)

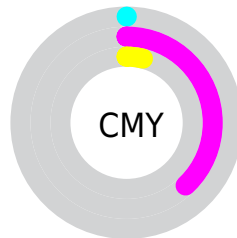


Cyan (0%)

Magenta (38%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16686836 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 16686836 by changing the saturation by 10% instead.

 16686836

 16686836

16777215

 14779351

 16766719

 12871868

 16774143

 11030176

 9188486

 7411564

 5701716

 3997756

 2555942

 271

■ 16686836

■ 16686836

■ 16680433

■ 16693239

■ 16673775

■ 16699897

■ 16667372

■ 16706300

■ 16660713

16711679

■ 16654311

■ 16647908

■ 16646372

Harmonies

Analogous

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



12694271



16686836



16749506

Triad

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



16686836



14597204



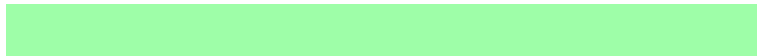
55536

Complementary

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



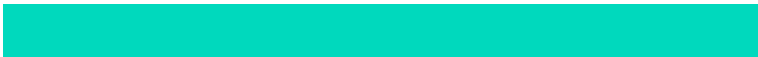
16686836



10419880

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.



55741



16686836



11127649

Square

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



16686836



16755046



6804873



54015

Rectangle

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



16686836



16749983



6804873



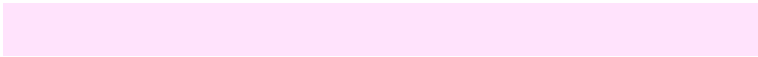
55776

Sweetspot

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



16686836



16770044



11050750



8417150



0



8421504

Same Dimension

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



16686836



16747763



16686788



8418174



12517547



4194361

Inverse Universe

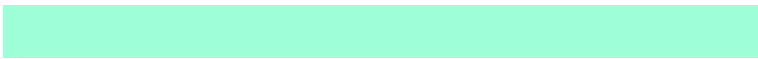
The Inverse Universe completely reimagines the original color for something new.



16686836



16747763



10419928



8418174



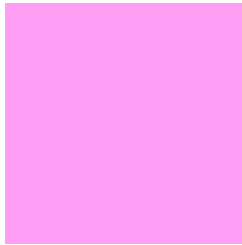
12517547



4194361

Previews

White Background



This preview shows how the Decimal color 16686836 looks on a white background.

Color Contrast Check

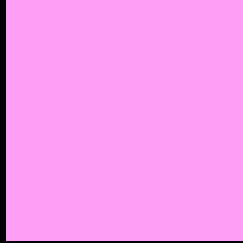
Large Text (above 18pt) WCAG AA × Fail

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 16686836 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 16686836 Background



This preview shows how black text looks on a background with the Decimal color 16686836.




This preview shows how white text looks on a background with the Decimal color 16686836.

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
16165559

Trichromacy



Original Color
16686836



Protanomaly
13284091



Deuteranomaly
13873649



Tritanomaly
16361165

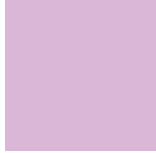
Monochromacy



Original Color
16686836



Achromatopsia
12961221



Achromatomaly
14333910

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16686836 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 #FE9EF4 looks like.

```
.text, #text, p{  
    color:#FE9EF4  
}
```

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 #FE9EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE9EF4
}
```

Border

The CSS property to change the border of an element to Decimal 16686836 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
#FE9EF4 }
```

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

```
.border{ border-color:#FE9EF4 }
```

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

Here you see how a box with a 4 pixel #FE9EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE9EF4; -webkit-box-shadow:4px 4px  
4px 4px #FE9EF4; box-shadow:4px 4px 4px  
4px #FE9EF4 }
```

Background

The CSS property to change the background color of an element to Decimal 16686836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE9EF4 }
```

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

```
.background{ background-color:#FE9EF4 }
```

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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