

Converting Colors

Decimal(16711887)

Have a look what the booklet for
Decimal(16711887) contains.

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Color

Decimal(16711887)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF00CF |
| RGB | 255, 0, 207 |
| RGB Percent | 100%, 0%, 81% |
| CMY | 0.0000, 1.0000, 0.1882 |
| CMYK | 0.00, 1.00, 0.19, 0.00 |
| HSL | 311°, 100%, 50% |
| HSV | 311°, 100%, 100% |
| XYZ | 52.5025, 25.7650, 61.2374 |
| YIQ | 99.8430, 85.5330, 118.4370 |

Conversions

Conversions Part 2

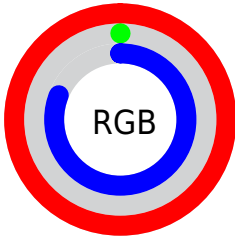
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 255, 0, 207 |
| Decimal | 16711887 |
| CIELab | 57.81, 92.09, -37.82 |
| CIELCh | 58, 99.556, 337.671 |
| Yxy | 25.7650, 0.3763, 0.1847 |
| Android (android.graphics.Color) | 4294901967 (0xFFFF00CF) |
| YUV | 99.8430, 52.8284, 136.0727 |
| Hunter-Lab | 50.7592, 95.8017, -35.9977 |

Details

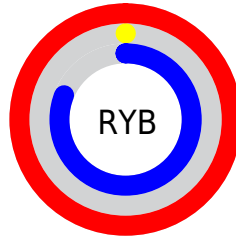
The Decimal color **16711887** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **65328**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **16738303**, and **12648600** is the 20% darker color. If you saturate the color by 10%, you get **16711887**, and if you desaturate by 10%, it is **16718292**.

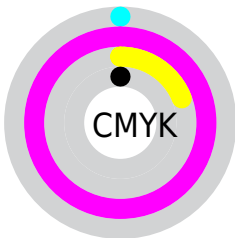
Distribution



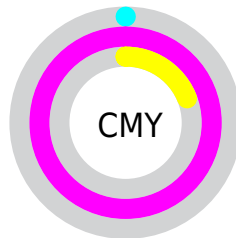
- Red (100%)
- Green (0%)
- Blue (81%)



- Red (100%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (0%)



















- Cyan (0%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711887 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 16711887 by changing the saturation by 10% instead.

| | |
|--|---|
|  16711887 |  16711887 |
|  16777215 |  14680243 |
|  16738303 |  12648600 |
|  16746751 |  10682494 |
|  16754687 |  8716388 |
|  16762623 |  6750284 |
|  16770559 |  4915253 |
| |  2883614 |
| |  0 |

 16711887

 16718292

 16724953

 16731613

 16738018

 16744679

 16751084

 16757745

 16764149

 16770810

Harmonies

Analogous

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



10512127



16711887



16711801

Triad

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



16711887



9801472



44533

Complementary

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



16711887



65328

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.



44704



16711887



2269440

Square

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



16711887



14445568



43586



42751

Rectangle

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



16711887



16711745



43586



44762

Sweetspot

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



16711887



16757745



3080447



8409719



0



8421504

Same Dimension

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



16711887



16711761



8418173



12517531



4194356

Inverse Universe

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



16711887



65454



8418173



12517531



4194356

Previews

White Background



This preview shows how the Decimal color 16711887 looks on a white background.

Color Contrast Check

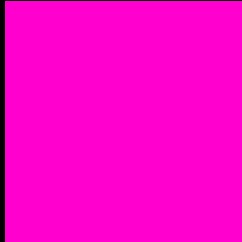
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711887 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16711887 Background



This preview shows how black text looks on a background with the Decimal color 16711887.



This preview shows how white text looks on a background with the Decimal color 16711887.

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



Trichromacy



Original Color
16711887



Protanomaly
9459694



Deuteranomaly
11163847



Tritanomaly
16331906

Monochromacy



Original Color
16711887



Achromatopsia
6579300



Achromatomaly
10240139

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711887 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 #FF00CF looks like.

```
.text, #text, p{  
    color:#FF00CF  
}
```

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 #FF00CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00CF
}
```

Border

The CSS property to change the border of an element to Decimal 16711887 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
#FF00CF }
```

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

```
.border{ border-color:#FF00CF }
```

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

Here you see how a box with a 4 pixel #FF00CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00CF; -webkit-box-shadow:4px 4px  
4px 4px #FF00CF; box-shadow:4px 4px 4px  
4px #FF00CF }
```

Background

The CSS property to change the background color of an element to Decimal 16711887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00CF }
```

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

```
.background{ background-color:#FF00CF }
```

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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