

Converting Colors

Decimal(16716513)

Have a look what the booklet for
Decimal(16716513) contains.

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Color

Decimal(16716513)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF12E1 |
| RGB | 255, 18, 225 |
| RGB Percent | 100%, 7%, 88% |
| CMY | 0.0000, 0.9294, 0.1176 |
| CMYK | 0.00, 0.93, 0.12, 0.00 |
| HSL | 308°, 100%, 54% |
| HSV | 308°, 93%, 100% |
| XYZ | 55.0469, 27.1289, 73.5693 |
| YIQ | 112.4610, 74.8050, 114.6210 |

Conversions

Conversions Part 2

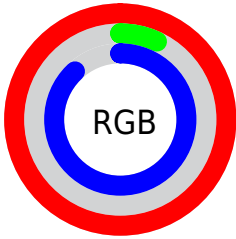
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 18, 225 |
| Decimal | 16716513 |
| CIE _{Lab} | 59.09, 93.10, -46.03 |
| CIE _{LCh} | 59, 103.853, 333.692 |
| Yxy | 27.1289, 0.3534, 0.1742 |
| Android (android.graphics.Color) | 4294906593 (0xFFFF12E1) |
| YUV | 112.4610, 55.4817, 125.0067 |
| Hunter-Lab | 52.0854, 97.5000, -47.2859 |

Details

The Decimal color **16716513** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **1244976**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **16739327**, and **12648617** is the 20% darker color. If you saturate the color by 10%, you get **16711903**, and if you desaturate by 10%, it is **16723172**.

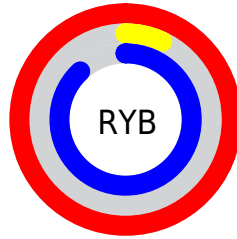
Distribution



Red (100%)

Green (7%)

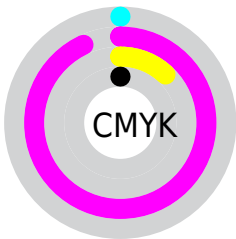
Blue (88%)



Red (100%)

Yellow (7%)

Blue (88%)

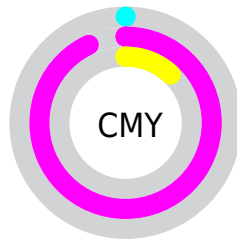


Cyan (0%)

Magenta (93%)

Yellow (12%)

Black (0%)



Cyan (0%)

















Magenta (93%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16716513 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 16716513 by changing the saturation by 10% instead.

| | |
|--|--|
|  16716513 |  16716513 |
| 16777215 |  14680261 |
|  16739327 |  12648617 |
|  16747775 |  10682510 |
|  16755711 |  8716404 |
|  16763647 |  6750299 |
|  16771583 |  4980803 |
| |  2949163 |
| |  21 |
| |  0 |

 16716513

 16716513

 16711903

 16723172

 16729575

 16736235

 16742638

 16749297

 16755700

 16762360

 16768763

 16775422

Harmonies

Analogous

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



9268991



16716513



16711815

Triad

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



16716513



10718976



45811

Complementary

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



16716513



1244976

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.



45720



16716513



3843072

Square

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



16716513



15361792



44595



44287

Rectangle

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



16716513



16711756



44595



46038

Sweetspot

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



16716513



16759030



3019519



8410234



0



8421504

Same Dimension

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



16716513



16711903



16716397



8418174



12517543



4194360

Inverse Universe

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



16716513



16711903



1245092



8418174



12517543



4194360

Previews

White Background



This preview shows how the Decimal color 16716513 looks on a white background.

Color Contrast Check

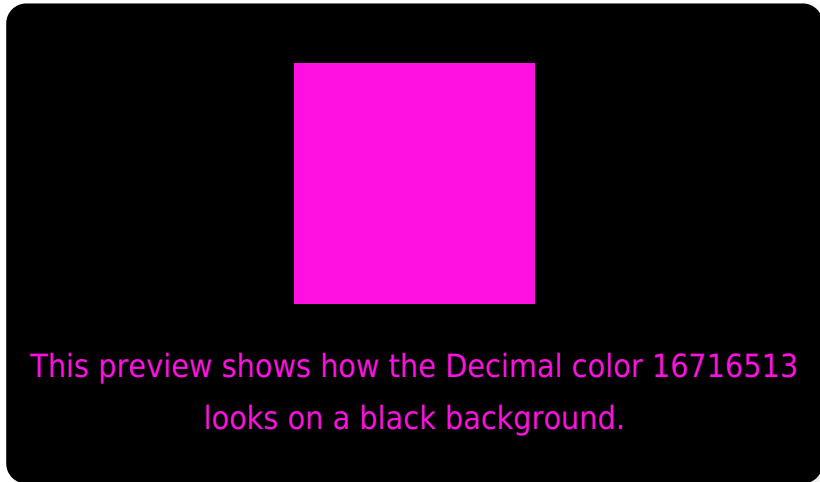
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16716513 Background



This preview shows how black text looks on a background with the Decimal color 16716513.



This preview shows how white text looks on a background with the Decimal color 16716513.

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
16716513



Protanomaly
9658356



Deuteranomaly
10838488



Tritanomaly
16203918

Monochromacy



Original Color
16716513



Achromatopsia
7368816



Achromatomaly
10768025

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16716513 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 #FF12E1 looks like.

```
.text, #text, p{  
    color:#FF12E1  
}
```

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 #FF12E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF12E1
}
```

Border

The CSS property to change the border of an element to Decimal 16716513 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
#FF12E1 }
```

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

```
.border{ border-color:#FF12E1 }
```

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

Here you see how a box with a 4 pixel #FF12E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF12E1; -webkit-box-shadow:4px 4px  
4px 4px #FF12E1; box-shadow:4px 4px 4px  
4px #FF12E1 }
```

Background

The CSS property to change the background color of an element to Decimal 16716513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF12E1 }
```

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

```
.background{ background-color:#FF12E1 }
```

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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