

Converting Colors

Decimal(16711863)

Have a look what the booklet for
Decimal(16711863) contains.

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Color

Decimal(16711863)

Conversions

Conversions Part 1

Format	Color
Hex	FF00B7
RGB	255, 0, 183
RGB Percent	100%, 0%, 72%
CMY	0.0000, 1.0000, 0.2824
CMYK	0.00, 1.00, 0.28, 0.00
HSL	317°, 100%, 50%
HSV	317°, 100%, 100%
XYZ	49.7872, 24.6789, 46.9392
YIQ	97.1070, 93.2370, 110.9730

Conversions

Conversions Part 2

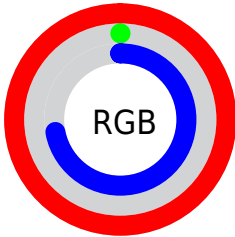
Format	Color
R_{YB}	255, 0, 183
Decimal	16711863
CIE _{Lab}	56.76, 89.43, -25.63
CIE _{LCh}	57, 93.030, 344.005
Yxy	24.6789, 0.4101, 0.2033
Android (android.graphics.Color)	4294901943 (0xFFFF00B7)
YUV	97.1070, 42.3452, 138.4722
Hunter-Lab	49.6779, 91.9568, -21.2469

Details

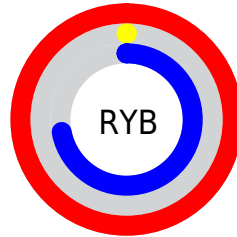
The Decimal color **16711863** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **65352**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **16738031**, and **12648578** is the 20% darker color. If you saturate the color by 10%, you get **16711863**, and if you desaturate by 10%, it is **16718270**.

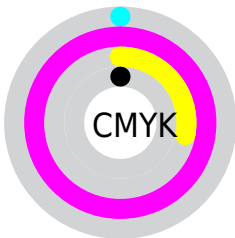
Distribution



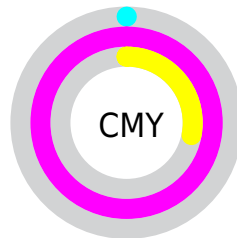
- Red (100%)
- Green (0%)
- Blue (72%)



- Red (100%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (0%)



















- Cyan (0%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711863 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 16711863 by changing the saturation by 10% instead.

 16711863	 16711863
 16777215	 14680220
 16738031	 12648578
 16746239	 10616936
 16754431	 8650832
 16762111	 6684729
 16770047	 4784163
	 2818056
	 0

 16711863

 16718270

 16724933

 16731597

 16738004

 16744667

 16751074

 16757737

 16764145

 16770808

Harmonies

Analogous

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



12016639



16711863



16711783

Triad

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



16711863



8622336



43257

Complementary

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



16711863



65352

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.



43437



16711863



40960

Square

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



16711863



13136896



42840



40703

Rectangle

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



16711863



16722994



42840



43490

Sweetspot

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



16711863



16757737



4456703



8409715



0



8421504

Same Dimension

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



16711863



16711740



8418172



12517513



4194350

Inverse Universe

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



16711863



65475



8418172



12517513



4194350

Previews

White Background



This preview shows how the Decimal color 16711863 looks on a white background.

Color Contrast Check

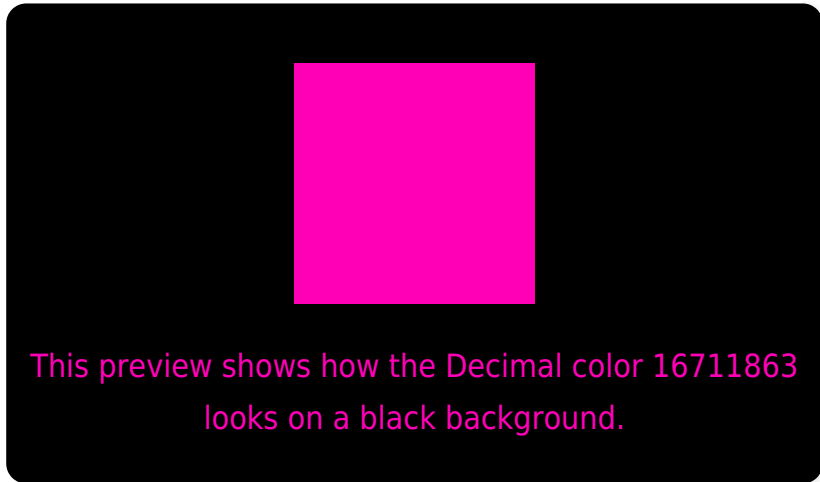
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711863 Background



This preview shows how black text looks on a background with the Decimal color 16711863.



This preview shows how white text looks on a background with the Decimal color 16711863.

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
16205900

Trichromacy



Original Color
16711863



Protanomaly
9197029



Deuteranomaly
11687599



Tritanomaly
16395891

Monochromacy



Original Color
16711863



Achromatopsia
6381921



Achromatomaly
10108544

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711863 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 #FF00B7 looks like.

```
.text, #text, p{  
    color:#FF00B7  
}
```

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 #FF00B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00B7
}
```

Border

The CSS property to change the border of an element to Decimal 16711863 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
#FF00B7 }
```

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

```
.border{ border-color:#FF00B7 }
```

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

Here you see how a box with a 4 pixel #FF00B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00B7; -webkit-box-shadow:4px 4px  
4px 4px #FF00B7; box-shadow:4px 4px 4px  
4px #FF00B7 }
```

Background

The CSS property to change the background color of an element to Decimal 16711863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00B7 }
```

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

```
.background{ background-color:#FF00B7 }
```

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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