

Converting Colors

Decimal(16711782)

Have a look what the booklet for
Decimal(16711782) contains.

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Color

Decimal(16711782)

Conversions

Conversions Part 1

Format	Color
Hex	FF0066
RGB	255, 0, 102
RGB Percent	100%, 0%, 40%
CMY	0.0000, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.60, 0.00
HSL	336°, 100%, 50%
HSV	336°, 100%, 100%
XYZ	43.6383, 22.2193, 14.5591
YIQ	87.8730, 119.2380, 85.7820

Conversions

Conversions Part 2

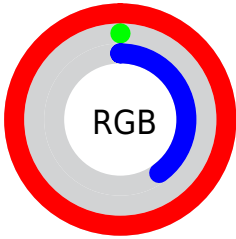
Format	Color
R_YB	255, 0, 102
Decimal	16711782
CIE Lab	54.26, 82.89, 18.86
CIE LCh	54, 85.006, 12.822
Yxy	22.2193, 0.5427, 0.2763
Android (android.graphics.Color)	4294901862 (0xFFFF0066)
YUV	87.8730, 6.9646, 146.5704
Hunter-Lab	47.1374, 82.7592, 14.6835

Details

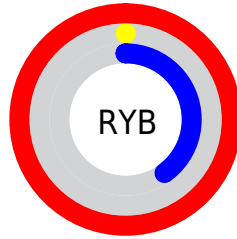
The Decimal color **16711782** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **65433**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16737177**, and **12451896** is the 20% darker color. If you saturate the color by 10%, you get **16711782**, and if you desaturate by 10%, it is **16718197**.

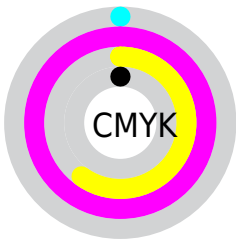
Distribution



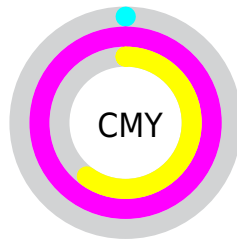
- Red (100%)
- Green (0%)
- Blue (40%)



- Red (100%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (0%)




















- Cyan (0%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711782 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 16711782 by changing the saturation by 10% instead.

 16711782	 16711782
 16777215	 14549070
 16737177	 12451896
 16745395	 10354723
 16753103	 8257551
 16761067	 6225924
 16769023	 4194307
 16776703	 1835009
	 0

 16711782

 16718197

 16724869

 16731540

 16737955

 16744627

 16751042

 16757713

 16764128

 16770800

Harmonies

Analogous

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



15475631



16711782



15484188

Triad

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



16711782



1414912



38655

Complementary

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



16711782



65433

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.



40933



16711782



40531

Square

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



16711782



8489216



41120



33279

Rectangle

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



16711782



13722368



41120



39679

Sweetspot

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



16711782



16757713



10027263



8409700



0



8421504

Same Dimension

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



16711782



16718080



8418168



12517453



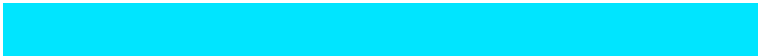
4194330

Inverse Universe

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



16711782



58879



8418168



12517453



4194330

Previews

White Background



This preview shows how the Decimal color 16711782 looks on a white background.

Color Contrast Check

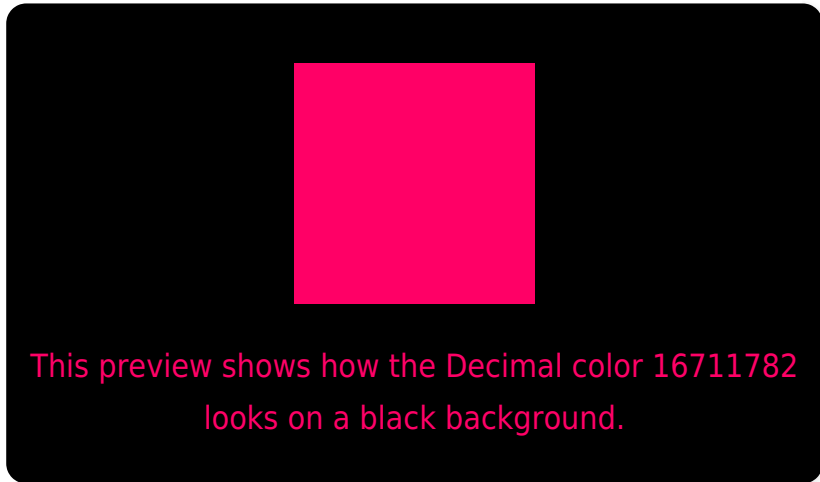
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711782 Background



This preview shows how black text looks on a background with the Decimal color 16711782.



This preview shows how white text looks on a background with the Decimal color 16711782.

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
16591143

Trichromacy



Original Color
16711782



Protanomaly
11424644



Deuteranomaly
12603487

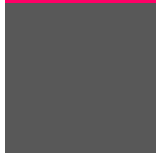


Tritanomaly
16652862

Monochromacy



Original Color
16711782



Achromatopsia
5789784



Achromatomaly
9779293

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711782 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 #FF0066 looks like.

```
.text, #text, p{  
  color:#FF0066  
}
```

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 #FF0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0066
}
```

Border

The CSS property to change the border of an element to Decimal 16711782 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
#FF0066 }
```

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

```
.border{ border-color:#FF0066 }
```

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

Here you see how a box with a 4 pixel #FF0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0066; -webkit-box-shadow:4px 4px  
4px 4px #FF0066; box-shadow:4px 4px 4px  
4px #FF0066 }
```

Background

The CSS property to change the background color of an element to Decimal 16711782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0066 }
```

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

```
.background{ background-color:#FF0066 }
```

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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