

Converting Colors

Decimal(16735980)

Have a look what the booklet for
Decimal(16735980) contains.

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Color

Decimal(16735980)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EEC
RGB	255, 94, 236
RGB Percent	100%, 37%, 93%
CMY	0.0000, 0.6314, 0.0745
CMYK	0.00, 0.63, 0.07, 0.00
HSL	307°, 100%, 68%
HSV	307°, 63%, 100%
XYZ	60.3830, 35.3215, 82.9921
YIQ	158.3270, 50.3740, 78.2940

Conversions

Conversions Part 2

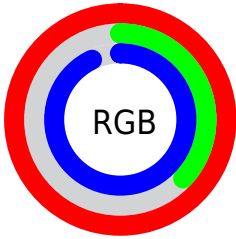
Format	Color
R _Y B	255, 94, 236
Decimal	16735980
CIE _{Lab}	66.00, 76.39, -41.32
CIE _{LCh}	66, 86.846, 331.592
Yxy	35.3215, 0.3379, 0.1977
Android (android.graphics.Color)	4294926060 (0xFFFF5EEC)
YUV	158.3270, 38.2928, 84.7822
Hunter-Lab	59.4319, 77.3507, -41.1915

Details

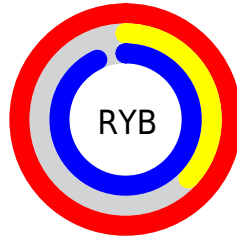
The Decimal color **16735980** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **6225777**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16751103**, and **12784308** is the 20% darker color. If you saturate the color by 10%, you get **16729577**, and if you desaturate by 10%, it is **16742639**.

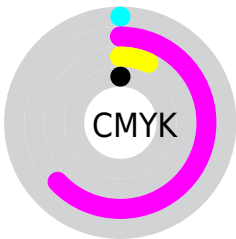
Distribution



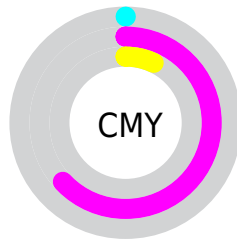
- Red (100%)
- Green (37%)
- Blue (93%)



- Red (100%)
- Yellow (37%)
- Blue (93%)



- Cyan (0%)
- Magenta (63%)
- Yellow (7%)
- Black (0%)



















- Cyan (0%)
- Magenta (63%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16735980 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 16735980 by changing the saturation by 10% instead.

 16735980	 16735980
 16777215	 14761679
 16751103	 12784308
 16758783	 10813593
 16766463	 8913022
 16774143	 7077989
	 5242956
	 3473461
	 1245214
	 0

■ 16735980

■ 16735980

■ 16729577

■ 16742639

■ 16722918

■ 16749042

■ 16716515

■ 16755701

■ 16711905

■ 16762104

■ 16768763

■ 16775166

16777215

Harmonies

Analogous

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



10390015



16735980



16727968

Triad

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



16735980



12427008



49905

Complementary

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



16735980



6225777

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.



49826



16735980



7254784

Square

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



16735980



16416512



48464



48127

Rectangle

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



16735980



16730476



48464



49880

Sweetspot

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



16735980



16764921



7429887



8413820



0



8421504

Same Dimension

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



16735980



16727528



16735900



8418174



12517545



4194360

Inverse Universe

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



16735980



16727528



6225857



8418174



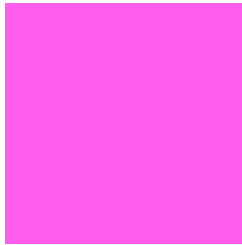
12517545



4194360

Previews

White Background



This preview shows how the Decimal color 16735980 looks on a white background.

Color Contrast Check

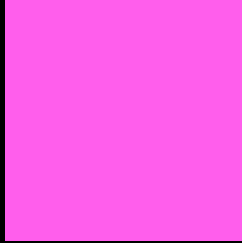
Large Text (above 18pt) WCAG AA × Fail

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 16735980 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 16735980 Background



This preview shows how black text looks on a background with the Decimal color 16735980.



This preview shows how white text looks on a background with the Decimal color 16735980.

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
16022404

Trichromacy



Original Color
16735980



Protanomaly
11175928



Deuteranomaly
11896806



Tritanomaly
16281770

Monochromacy



Original Color
16735980



Achromatopsia
10395294



Achromatomaly
12683194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16735980 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 #FF5EEC looks like.

```
.text, #text, p{  
    color:#FF5EEC  
}
```

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 #FF5EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5EEC
}
```

Border

The CSS property to change the border of an element to Decimal 16735980 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
#FF5EEC }
```

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

```
.border{ border-color:#FF5EEC }
```

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

Here you see how a box with a 4 pixel #FF5EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5EEC; -webkit-box-shadow:4px 4px  
4px 4px #FF5EEC; box-shadow:4px 4px 4px  
4px #FF5EEC }
```

Background

The CSS property to change the background color of an element to Decimal 16735980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5EEC }
```

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

```
.background{ background-color:#FF5EEC }
```

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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