

# Converting Colors

Decimal(16735952)

Have a look what the booklet for  
Decimal(16735952) contains.

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# Color

**Decimal(16735952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5ED0
RGB	255, 94, 208
RGB Percent	100%, 37%, 82%
CMY	0.0000, 0.6314, 0.1843
CMYK	0.00, 0.63, 0.18, 0.00
HSL	318°, 100%, 68%
HSV	318°, 63%, 100%
XYZ	56.6279, 33.8195, 63.2177
YIQ	155.1350, 59.3620, 69.5860

# Conversions

## Conversions Part 2

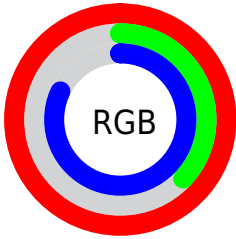
Format	Color
R <sub>Y</sub> B	255, 94, 208
Decimal	16735952
CIE Lab	64.82, 72.37, -27.51
CIE LCh	65, 77.420, 339.190
Yxy	33.8195, 0.3685, 0.2201
Android (android.graphics.Color)	4294926032 (0xFFFF5ED0)
YUV	155.1350, 26.0624, 87.5816
Hunter-Lab	58.1545, 72.0437, -23.7439

# Details

The Decimal color **16735952** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **6225805**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16751103**, and **12785049** is the 20% darker color. If you saturate the color by 10%, you get **16729545**, and if you desaturate by 10%, it is **16742615**.

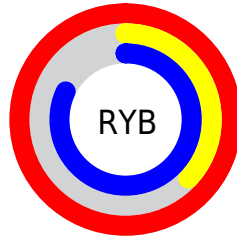
# Distribution



Red (100%)

Green (37%)

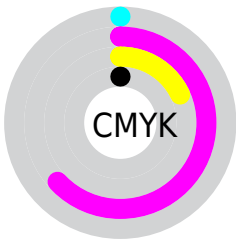
Blue (82%)



Red (100%)

Yellow (37%)

Blue (82%)

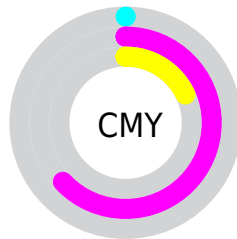


Cyan (0%)

Magenta (63%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (63%)

















Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16735952 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 16735952 by changing the saturation by 10% instead.



 16735952	 16735952
 16777215	 14761908
 16751103	 12785049
 16758527	 10813567
 16766207	 8912998
 16773887	 7077966
	 5242934
	 3407905
	 1048580
	 0

■ 16735952

■ 16735952

■ 16729545

■ 16742615

■ 16722881

■ 16749023

■ 16716474

■ 16755686

■ 16711861

■ 16762094

■ 16768757

■ 16775165

16777215

# Harmonies

## Analogous

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



12157183



16735952



16732555

# Triad

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



16735952



11116800



48116

# Complementary

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



16735952



6225805

# 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.



48561



16735952



6074656

# Square

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



16735952



14911488



47465



45823

# Rectangle

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



16735952



16735582



47465



48351



# Sweetspot

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



16735952



16764913



9199359



8413815



0



8421504



# Same Dimension

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



16735952



16727494



16735873



8418172



12517511



4194349



# Inverse Universe

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



16735952



16727494



6225884



8418172



12517511



4194349



# Previews

## White Background



This preview shows how the Decimal color 16735952 looks on a white background.

## Color Contrast Check

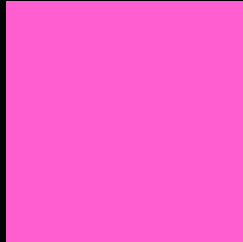
Large Text (above 18pt) WCAG AA × Fail

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 16735952 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

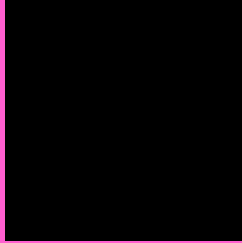
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16735952 Background



This preview shows how black text looks on a background with the Decimal color 16735952.



This preview shows how white text looks on a background with the Decimal color 16735952.

# 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**  
16217212

# Trichromacy



**Original Color**  
16735952



**Protanomaly**  
11044078



**Deuteranomaly**  
12420298



**Tritanomaly**  
16411803

# Monochromacy



**Original Color**  
16735952



**Achromatopsia**  
10197915



**Achromatomaly**  
12551598

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16735952 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 #FF5ED0 looks like.

```
.text, #text, p{  
    color:#FF5ED0  
}
```

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 #FF5ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5ED0
}
```

## Border

The CSS property to change the border of an element to Decimal 16735952 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
#FF5ED0 }
```

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

```
.border{ border-color:#FF5ED0 }
```

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

Here you see how a box with a 4 pixel #FF5ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5ED0; -webkit-box-shadow:4px 4px  
4px 4px #FF5ED0; box-shadow:4px 4px 4px  
4px #FF5ED0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16735952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5ED0 }
```

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

```
.background{ background-color:#FF5ED0 }
```

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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