

# Converting Colors

Decimal(16647969)

Have a look what the booklet for  
Decimal(16647969) contains.

<b>Decimal(16647969)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(16647969)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FE0721
RGB	254, 7, 33
RGB Percent	100%, 3%, 13%
CMY	0.0039, 0.9725, 0.8706
CMYK	0.00, 0.97, 0.87, 0.00
HSL	354°, 99%, 51%
HSV	354°, 97%, 100%
XYZ	41.2235, 21.3326, 3.3837
YIQ	83.8170, 138.8660, 60.4500

# Conversions

## Conversions Part 2

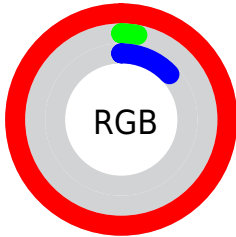
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 7, 33
Decimal	16647969
CIE Lab	53.31, 79.72, 56.62
CIE LCh	53, 97.783, 35.385
Yxy	21.3326, 0.6252, 0.3235
Android (android.graphics.Color)	4294838049 (0xFFFE0721)
YUV	83.8170, -25.0528, 149.2505
Hunter-Lab	46.1872, 78.4892, 27.9874

# Details

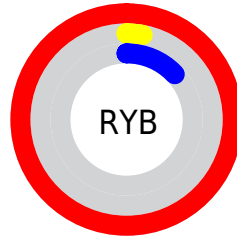
The Decimal color **16647969** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **524004**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **16736849**, and **12255232** is the 20% darker color. If you saturate the color by 10%, you get **16646171**, and if you desaturate by 10%, it is **16654392**.

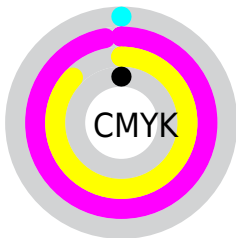
# Distribution



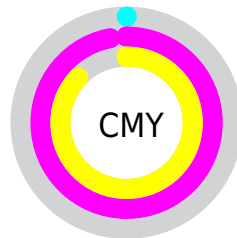
- Red (100%)
- Green (3%)
- Blue (13%)



- Red (100%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (97%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (97%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16647969 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 16647969 by changing the saturation by 10% instead.



 16647969	 16647969
16777215	 14417928
 16736849	 12255232
 16744810	 10092544
 16752772	 7929857
 16760478	 5832708
 16768442	 3801090
 16776150	 1179648
 16777202	 0
 16647969	 16647969

■ 16646171

■ 16654392

■ 16661070

■ 16667493

■ 16674172

■ 16680595

■ 16687017

■ 16693696

■ 16700119

■ 16706798

# Harmonies

## Analogous

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



16711796



16647969



13721088

# Triad

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



16647969



40241



34815

# Complementary

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



16647969



524004

# 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.



39679



16647969



41101

# Square

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



16647969



2397184



41184



8871935

# Rectangle

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



16647969



10909696



41184



36863



# Sweetspot

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



16647969



16758205



14747646



8409944



0



8421504



# Same Dimension

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



16647969



16711707



16672263



8418164



12517396



4194311



# Inverse Universe

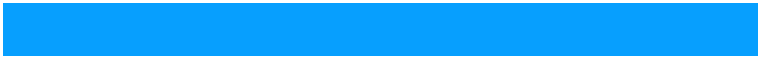
The Inverse Universe completely reimagines the original color for something new.



16647969



16711707



499710



8418164



12517396



4194311



# Previews

## White Background



This preview shows how the Decimal color 16647969 looks on a white background.

## Color Contrast Check

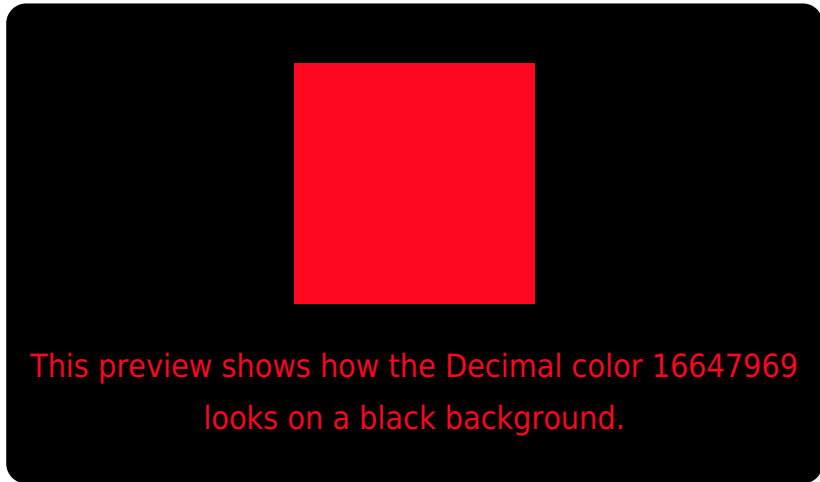
Large Text (above 18pt) WCAG AA ✓ Pass

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 16647969 Background



This preview shows how black text looks on a background with the Decimal color 16647969.



This preview shows how white text looks on a background with the Decimal color 16647969.

# 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



**Original Color**  
16647969

**Protanopia**  
9404728

**Deuteranopia**  
10648064



**Tritanopia**  
16586496

# Trichromacy



**Original Color**  
16647969



**Protanomaly**  
12014896



**Deuteranomaly**  
12800012



**Tritanomaly**  
16584972

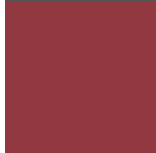
# Monochromacy



**Original Color**  
16647969



**Achromatopsia**  
5526612



**Achromatomaly**  
9582657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16647969 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 #FE0721 looks like.

```
.text, #text, p{  
    color:#FE0721  
}
```

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 #FE0721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE0721
}
```

## Border

The CSS property to change the border of an element to Decimal 16647969 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".

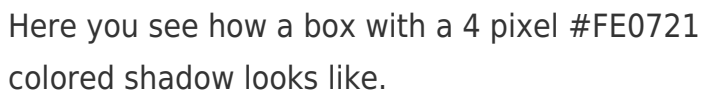
```
.border, #border, table{ border:4px solid
#FE0721 }
```

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

```
.border{ border-color:#FE0721 }
```

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

Here you see how a box with a 4 pixel #FE0721 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE0721; -webkit-box-shadow:4px 4px  
4px 4px #FE0721; box-shadow:4px 4px 4px  
4px #FE0721 }
```

# Background

The CSS property to change the background color of an element to Decimal 16647969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE0721 }
```

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

```
.background{ background-color:#FE0721 }
```

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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