

Converting Colors

Decimal(16735647)

Have a look what the booklet for
Decimal(16735647) contains.

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Color

Decimal(16735647)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF5D9F |
| RGB | 255, 93, 159 |
| RGB Percent | 100%, 36%, 62% |
| CMY | 0.0000, 0.6353, 0.3765 |
| CMYK | 0.00, 0.64, 0.38, 0.00 |
| HSL | 336°, 100%, 68% |
| HSV | 336°, 64%, 100% |
| XYZ | 51.4124, 31.5919, 36.1890 |
| YIQ | 148.9620, 75.3660, 54.8700 |

Conversions

Conversions Part 2

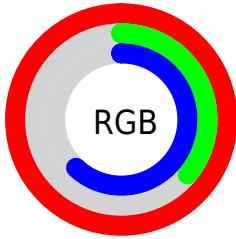
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 93, 159 |
| Decimal | 16735647 |
| CIE _{Lab} | 63.00, 66.86, -2.32 |
| CIE _{LCh} | 63, 66.898, 358.009 |
| Yxy | 31.5919, 0.4313, 0.2650 |
| Android (android.graphics.Color) | 4294925727 (0xFFFF5D9F) |
| YUV | 148.9620, 4.9487, 92.9953 |
| Hunter-Lab | 56.2067, 64.9126, 1.1705 |

Details

The Decimal color **16735647** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **6160317**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16750550**, and **12720236** is the 20% darker color. If you saturate the color by 10%, you get **16728976**, and if you desaturate by 10%, it is **16742318**.

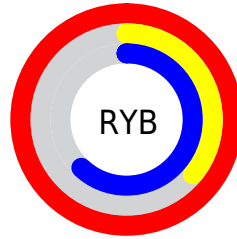
Distribution



Red (100%)

Green (36%)

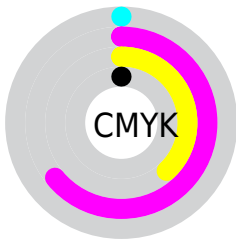
Blue (62%)



Red (100%)

Yellow (36%)

Blue (62%)

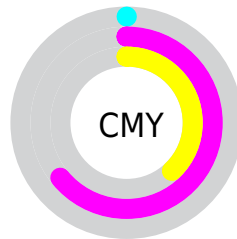


Cyan (0%)

Magenta (64%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16735647 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 16735647 by changing the saturation by 10% instead.

 16735647

 16735647

16777215

 14696069

 16750550

 12720236

 16758002

 10747988

 16765439

 8781885

 16773119

 6881319

 5046290

 3145730

 0

 16735647

 16735647

■ 16728976

■ 16742318

■ 16722561

■ 16748733

■ 16715890

■ 16755404

■ 16711784

■ 16761819

■ 16768491

■ 16774906

16777215

Harmonies

Analogous

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



14446552



16735647



16737636

Triad

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



16735647



8365344



44797

Complementary

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



16735647



6160317

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.



46287



16735647



1486678

Square

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



16735647



12162050



46226



41471

Rectangle

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



16735647



15823937



46226



45552

Sweetspot

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



16735647



16764898



12279295



8413806



0



8421504

Same Dimension

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



16735647



16727436



16739165



8418168



12517454



4194330

Inverse Universe

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



16735647



16727436



6157055



8418168



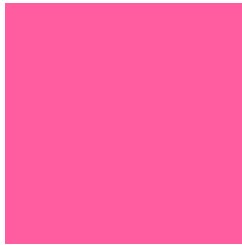
12517454



4194330

Previews

White Background



This preview shows how the Decimal color 16735647 looks on a white background.

Color Contrast Check

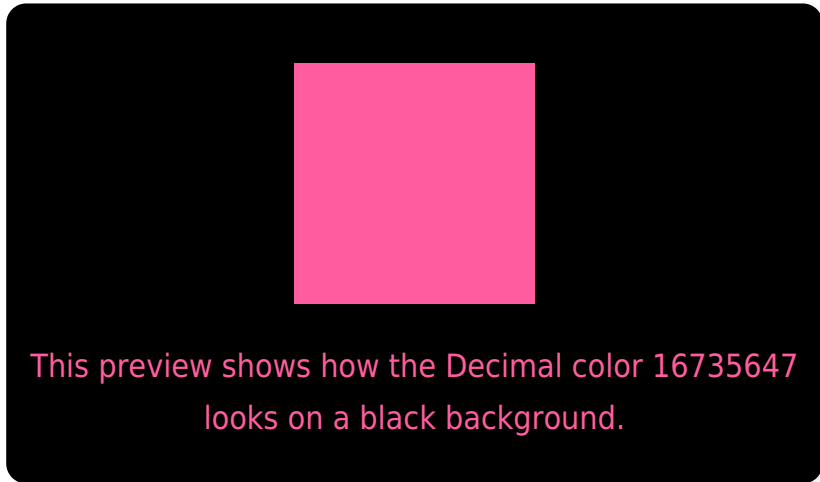
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16735647 Background



This preview shows how black text looks on a background with the Decimal color 16735647.



This preview shows how white text looks on a background with the Decimal color 16735647.

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
16476270

Trichromacy



Original Color
16735647



Protanomaly
11961015



Deuteranomaly
13140122



Tritanomaly
16540800

Monochromacy



Original Color
16735647



Achromatopsia
9803157



Achromatomaly
12353945

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16735647 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 #FF5D9F looks like.

```
.text, #text, p{  
    color:#FF5D9F  
}
```

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 #FF5D9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5D9F
}
```

Border

The CSS property to change the border of an element to Decimal 16735647 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
#FF5D9F }
```

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

```
.border{ border-color:#FF5D9F }
```

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

Here you see how a box with a 4 pixel #FF5D9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5D9F; -webkit-box-shadow:4px 4px  
4px 4px #FF5D9F; box-shadow:4px 4px 4px  
4px #FF5D9F }
```

Background

The CSS property to change the background color of an element to Decimal 16735647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5D9F }
```

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

```
.background{ background-color:#FF5D9F }
```

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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