

# Converting Colors

Decimal(16729713)

Have a look what the booklet for  
Decimal(16729713) contains.

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**Color**

**Decimal(16729713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4671
RGB	255, 70, 113
RGB Percent	100%, 27%, 44%
CMY	0.0000, 0.7255, 0.5569
CMYK	0.00, 0.73, 0.56, 0.00
HSL	346°, 100%, 64%
HSV	346°, 73%, 100%
XYZ	46.4108, 26.8326, 18.3559
YIQ	130.2170, 96.4570, 52.5930

# Conversions

## Conversions Part 2

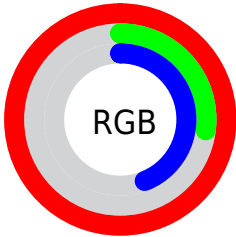
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 70, 113
Decimal	16729713
CIE <sub>Lab</sub>	58.82, 71.23, 18.51
CIE <sub>LCh</sub>	59, 73.599, 14.569
Yxy	26.8326, 0.5067, 0.2929
Android (android.graphics.Color)	4294919793 (0xFFFF4671)
YUV	130.2170, -8.4880, 109.4347
Hunter-Lab	51.8002, 69.2783, 15.2502

# Details

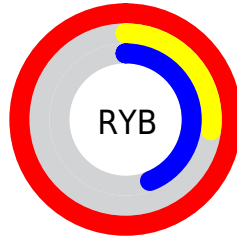
The Decimal color **16729713** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **4653012**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16745380**, and **12582978** is the 20% darker color. If you saturate the color by 10%, you get **16723293**, and if you desaturate by 10%, it is **16736389**.

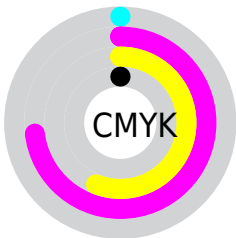
# Distribution



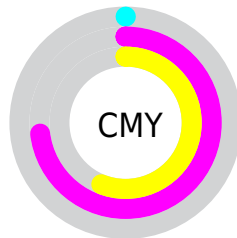
- Red (100%)
- Green (27%)
- Blue (44%)



- Red (100%)
- Yellow (27%)
- Blue (44%)



- Cyan (0%)
- Magenta (73%)
- Yellow (56%)
- Black (0%)


















- Cyan (0%)
- Magenta (73%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 16729713 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 16729713 by changing the saturation by 10% instead.



 16729713	 16729713
16777215	 14622809
 16745380	 12582978
 16752832	 10485804
 16760539	 8454168
 16768248	 6488065
 16775935	 4587523
	 2424833
	 0

 16729713       16729713

■ 16723293

■ 16736389

■ 16716618

■ 16742808

■ 16711739

■ 16749484

■ 16755903

■ 16762579

■ 16768998

■ 16775674

16777215

# Harmonies

## Analogous

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



15682738



16729713



15622196

# Triad

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



16729713



4039205



40703

# Complementary

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



16729713



4653012

# 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.



43239



16729713



43113

# Square

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



16729713



9278464



43692



2591743

# Rectangle

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



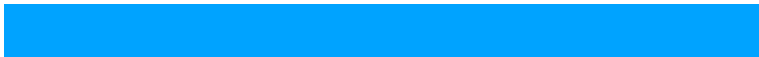
16729713



13989120



43692



41983



# Sweetspot

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



16729713



16762836



13911807



8412774



0



8421504



# Same Dimension

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



16729713



16720213



16742214



8418166



12517420



4194319



# Inverse Universe

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



16729713



16720213



4640511



8418166



12517420



4194319



# Previews

## White Background



This preview shows how the Decimal color 16729713 looks on a white background.

## Color Contrast Check

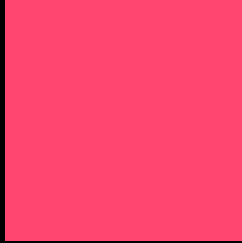
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 16729713 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 × Fail

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



## Decimal 16729713 Background



This preview shows how black text looks on a background with the Decimal color 16729713.

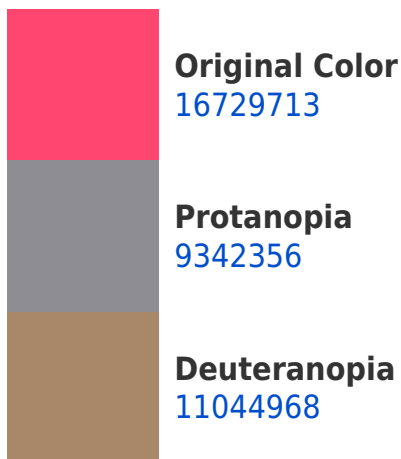


This preview shows how white text looks on a background with the Decimal color 16729713.

# 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](#).

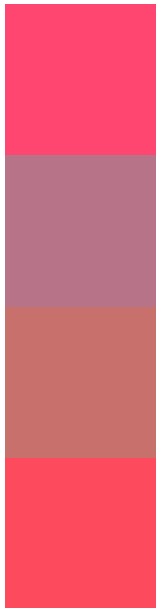
## Dichromacy





**Tritanopia**  
16600401

# Trichromacy



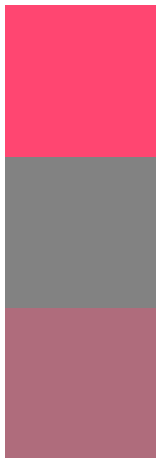
**Original Color**  
16729713

**Protanomaly**  
12022663

**Deuteranomaly**  
13135979

**Tritanomaly**  
16665181

# Monochromacy



**Original Color**  
16729713

**Achromatopsia**  
8553090

**Achromatomaly**  
11496572

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16729713 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 #FF4671 looks like.

```
.text, #text, p{  
  color:#FF4671  
}
```

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 #FF4671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4671
}
```

## Border

The CSS property to change the border of an element to Decimal 16729713 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
#FF4671 }
```

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

```
.border{ border-color:#FF4671 }
```

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

Here you see how a box with a 4 pixel #FF4671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4671; -webkit-box-shadow:4px 4px  
4px 4px #FF4671; box-shadow:4px 4px 4px  
4px #FF4671 }
```

# Background

The CSS property to change the background color of an element to Decimal 16729713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4671 }
```

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

```
.background{ background-color:#FF4671 }
```

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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