

# Converting Colors

Decimal(16729960)

Have a look what the booklet for  
Decimal(16729960) contains.

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# Color

**Decimal(16729960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4768
RGB	255, 71, 104
RGB Percent	100%, 28%, 41%
CMY	0.0000, 0.7216, 0.5922
CMYK	0.00, 0.72, 0.59, 0.00
HSL	349°, 100%, 64%
HSV	349°, 72%, 100%
XYZ	45.9919, 26.7660, 15.8390
YIQ	129.7780, 99.0710, 49.2710

# Conversions

## Conversions Part 2

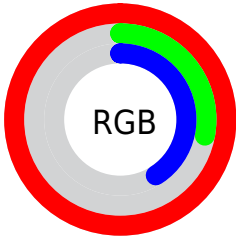
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 71, 104
Decimal	16729960
CIE <sub>Lab</sub>	58.76, 70.31, 23.71
CIE <sub>LCh</sub>	59, 74.201, 18.632
Yxy	26.7660, 0.5191, 0.3021
Android (android.graphics.Color)	4294920040 (0xFFFF4768)
YUV	129.7780, -12.7086, 109.8197
Hunter-Lab	51.7358, 68.1446, 18.0633

# Details

The Decimal color **16729960** 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 **4718558**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16745627**, and **12517433** is the 20% darker color. If you saturate the color by 10%, you get **16723539**, and if you desaturate by 10%, it is **16736637**.

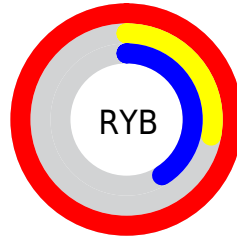
# Distribution



Red (100%)

Green (28%)

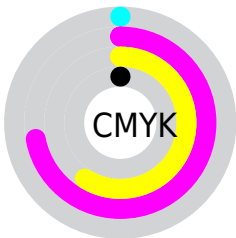
Blue (41%)



Red (100%)

Yellow (28%)

Blue (41%)

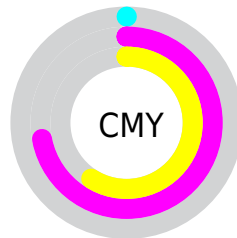


Cyan (0%)

Magenta (72%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (72%)
















Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16729960 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 16729960 by changing the saturation by 10% instead.



 16729960	 16729960
16777215	 14623312
 16745627	 12517433
 16753078	 10485796
 16760529	 8454161
 16768237	 6422529
 16775935	 4521987
	 2359297
	 0

 16729960	 16729960
--	--

■ 16723539

■ 16736637

■ 16716862

■ 16743058

■ 16711726

■ 16749479

■ 16756156

■ 16762833

■ 16769254

■ 16775930

16777215

# Harmonies

## Analogous

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



16009385



16729960



15361066

# Triad

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



16729960



2597677



40191

# Complementary

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



16729960



4718558

# 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.



42990



16729960



43377

# Square

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



16729960



8689152



43701



5015551

# Rectangle

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



16729960



13596672



43701



41471



# Sweetspot

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



16729960



16762833



14501887



8412772



0



8421504



# Same Dimension

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



16729960



16720201



16744775



8418165



12517410



4194315



# Inverse Universe

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



16729960



16720201



4703743



8418165



12517410



4194315



# Previews

## White Background



This preview shows how the Decimal color 16729960 looks on a white background.

## Color Contrast Check

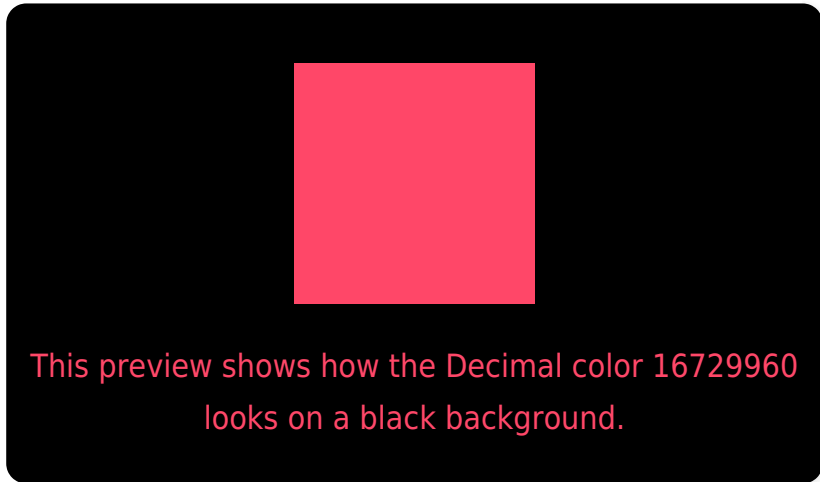
Large Text (above 18pt) WCAG AA ✓ Pass

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 16729960 Background



This preview shows how black text looks on a background with the Decimal color 16729960.



This preview shows how white text looks on a background with the Decimal color 16729960.

# Color Blindness Simulation

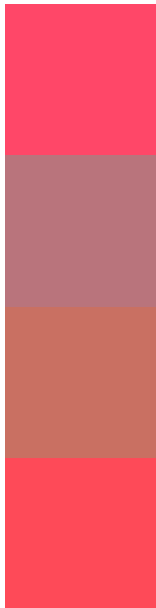
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



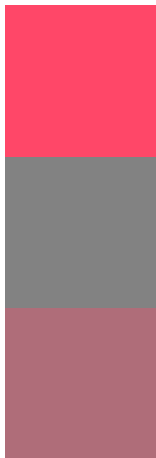
**Original Color**  
16729960

**Protanomaly**  
12153980

**Deuteranomaly**  
13201506

**Tritanomaly**  
16665176

# Monochromacy



**Original Color**  
16729960

**Achromatopsia**  
8553090

**Achromatomaly**  
11496825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16729960 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 #FF4768 looks like.

```
.text, #text, p{  
  color:#FF4768  
}
```

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 #FF4768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4768
}
```

## Border

The CSS property to change the border of an element to Decimal 16729960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

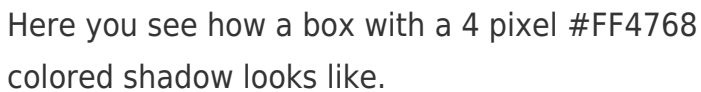
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF4768 }
```

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

```
.border{ border-color:#FF4768 }
```

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



Here you see how a box with a 4 pixel #FF4768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4768; -webkit-box-shadow:4px 4px  
4px 4px #FF4768; box-shadow:4px 4px 4px  
4px #FF4768 }
```

# Background

The CSS property to change the background color of an element to Decimal 16729960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4768 }
```

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

```
.background{ background-color:#FF4768 }
```

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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