

# Converting Colors

Decimal(16736110)

Have a look what the booklet for  
Decimal(16736110) contains.

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# **Color**

**Decimal(16736110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5F6E
RGB	255, 95, 110
RGB Percent	100%, 37%, 43%
CMY	0.0000, 0.6275, 0.5686
CMYK	0.00, 0.63, 0.57, 0.00
HSL	354°, 100%, 69%
HSV	354°, 63%, 100%
XYZ	48.1467, 30.5702, 18.1149
YIQ	144.5500, 90.5450, 38.5850

# Conversions

## Conversions Part 2

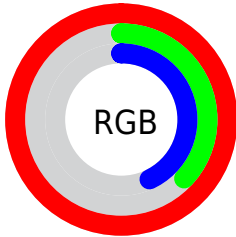
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 95, 110
Decimal	16736110
CIE Lab	62.14, 61.75, 24.73
CIE LCh	62, 66.521, 21.825
Yxy	30.5702, 0.4972, 0.3157
Android (android.graphics.Color)	4294926190 (0xFFFF5F6E)
YUV	144.5500, -17.0331, 96.8647
Hunter-Lab	55.2903, 58.6793, 19.2779

# Details

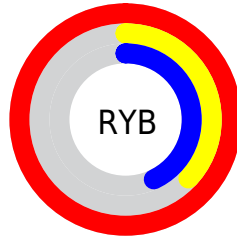
The Decimal color **16736110** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **6291440**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16750753**, and **12591167** is the 20% darker color. If you saturate the color by 10%, you get **16729431**, and if you desaturate by 10%, it is **16742789**.

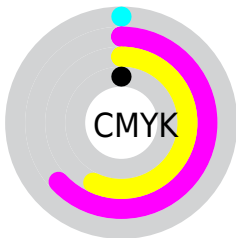
# Distribution



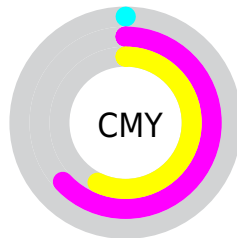
- Red (100%)
- Green (37%)
- Blue (43%)



- Red (100%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (63%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16736110 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 16736110 by changing the saturation by 10% instead.



 16736110

 16736110

16777215

 14631510

 16750753

 12591167

 16758204

 10551337

 16765656

 8585237

 16773109

 6619136

 4718594

 2686977

 0

 16736110

 16736110

■ 16729431

■ 16742789

■ 16723008

■ 16749212

■ 16716329

■ 16755891

■ 16711704

■ 16762314

■ 16768994

■ 16775417

16777215

# Harmonies

## Analogous

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



16276905



16736110



15365433

# Triad

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



16736110



3844936



41727

# Complementary

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



16736110



6291440

# 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.



44530



16736110



45444

# Square

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



16736110



9084947



45760



7769599

# Rectangle

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



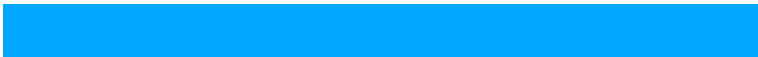
16736110



13665817



45760



43007



# Sweetspot

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



16736110



16764883



15687679



8413797



0



8421504



# Same Dimension

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



16736110



16728146



16752479



8418164



12517394



4194310



# Inverse Universe

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



16736110



16728146



6275071



8418164



12517394



4194310



# Previews

## White Background



This preview shows how the Decimal color 16736110 looks on a white background.

## Color Contrast Check

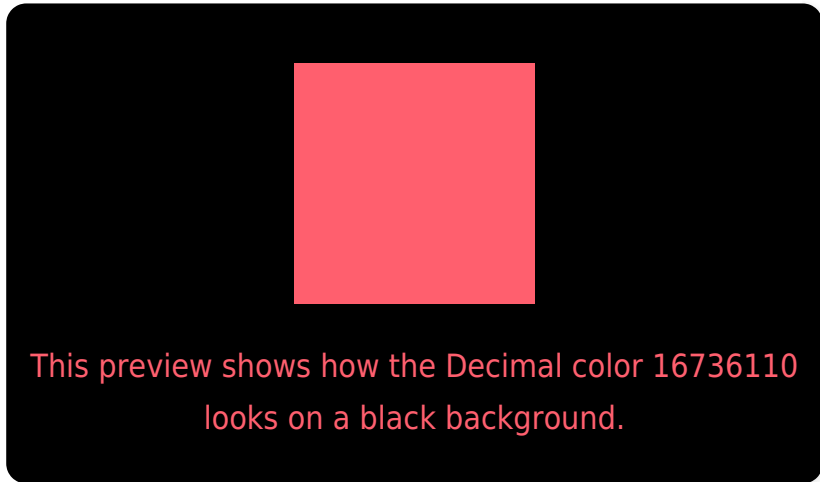
Large Text (above 18pt) WCAG AA × Fail

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 16736110 Background



This preview shows how black text looks on a background with the Decimal color 16736110.



This preview shows how white text looks on a background with the Decimal color 16736110.

# 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



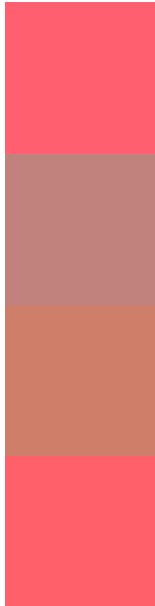
**Original Color**  
16736110

**Protanopia**  
10327687

**Deuteranopia**  
11833446



# Trichromacy



**Original Color**  
16736110

**Protanomaly**  
12681854

**Deuteranomaly**  
13598313

**Tritanomaly**  
16736361

# Monochromacy



**Original Color**  
16736110

**Achromatopsia**  
9539985

**Achromatomaly**  
12156804

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16736110 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 #FF5F6E looks like.

```
.text, #text, p{  
    color:#FF5F6E  
}
```

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 #FF5F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5F6E
}
```

## Border

The CSS property to change the border of an element to Decimal 16736110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

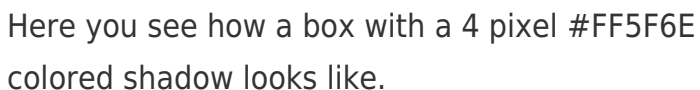
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF5F6E }
```

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

```
.border{ border-color:#FF5F6E }
```

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



Here you see how a box with a 4 pixel `#FF5F6E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5F6E; -webkit-box-shadow:4px 4px  
4px 4px #FF5F6E; box-shadow:4px 4px 4px  
4px #FF5F6E }
```

# Background

The CSS property to change the background color of an element to Decimal 16736110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5F6E }
```

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

```
.background{ background-color:#FF5F6E }
```

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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