

# Converting Colors

Decimal(16199774)

Have a look what the booklet for  
Decimal(16199774) contains.

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**Color**

**Decimal(16199774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7305E
RGB	247, 48, 94
RGB Percent	97%, 19%, 37%
CMY	0.0314, 0.8118, 0.6314
CMYK	0.00, 0.81, 0.62, 0.03
HSL	346°, 93%, 58%
HSV	346°, 81%, 97%
XYZ	41.4351, 22.6962, 12.7866
YIQ	112.7450, 103.8380, 56.4940

# Conversions

## Conversions Part 2

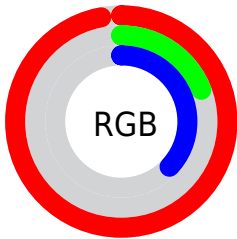
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 48, 94
Decimal	16199774
CIE <sub>Lab</sub>	54.76, 74.13, 24.06
CIE <sub>LCh</sub>	55, 77.937, 17.979
Yxy	22.6962, 0.5387, 0.2951
Android (android.graphics.Color)	4294389854 (0xFFFF7305E)
YUV	112.7450, -9.2413, 117.7416
Hunter-Lab	47.6405, 71.8785, 17.4351

# Details

The Decimal color **16199774** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3209161**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16741008**, and **11993137** is the 20% darker color. If you saturate the color by 10%, you get **16193355**, and if you desaturate by 10%, it is **16206193**.

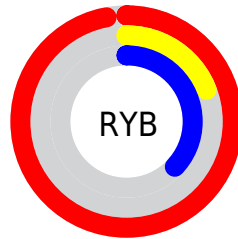
# Distribution



Red (97%)

Green (19%)

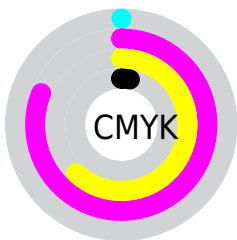
Blue (37%)



Red (97%)

Yellow (19%)

Blue (37%)

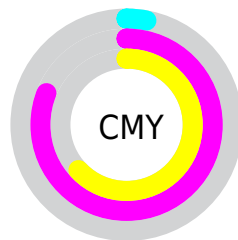


Cyan (0%)

Magenta (81%)

Yellow (62%)

Black (3%)



Cyan (3%)

Magenta (81%)

Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 16199774 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 16199774 by changing the saturation by 10% instead.



 16199774

 16199774

16777215

 14090311

 16741008

 11993137

 16748714

 9895965

 16756422

 7864323

 16764130


 5832707


 16771838

 3866626

 1245184

 0

 16199774

 16199774

■ 16193355

■ 16206193

■ 16187449

■ 16212356

■ 16218775

■ 16225194

■ 16231357

■ 16237776

■ 16244195

■ 16250614

■ 16252927

# Harmonies

## Analogous

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



15479457



16199774



14767387

# Triad

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



16199774



39192



37887

# Complementary

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



16199774



3209161

# 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.



40679



16199774



40549

# Square

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



16199774



7965696



41131



2326015

# Rectangle

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



16199774



13003776



41131



39167



# Sweetspot

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



16199774



16761552



13185271



8412003



0



8421504



# Same Dimension

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



16199774



16713793



16213296



8023665



12189739



3866638



# Inverse Universe

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



16199774



16713793



3195639



8023665



12189739



3866638



# Previews

## White Background



This preview shows how the Decimal color 16199774 looks on a white background.

## Color Contrast Check

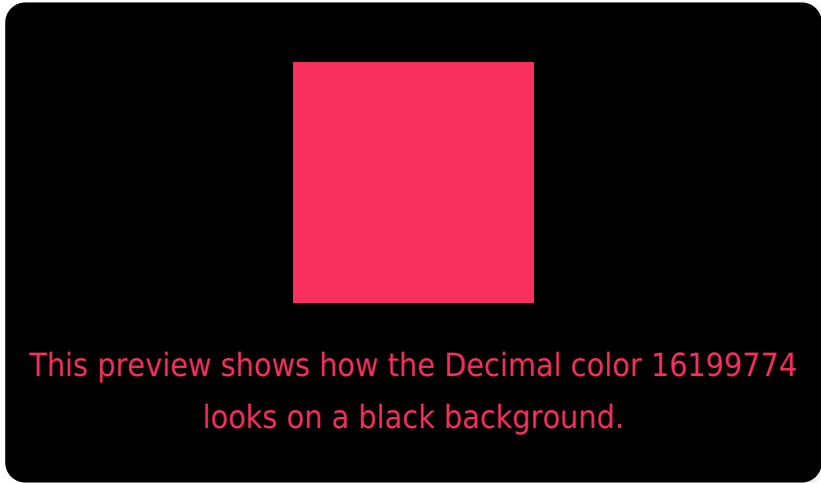
Large Text (above 18pt) WCAG AA ✓ Pass

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 16199774 Background



This preview shows how black text looks on a background with the Decimal color 16199774.

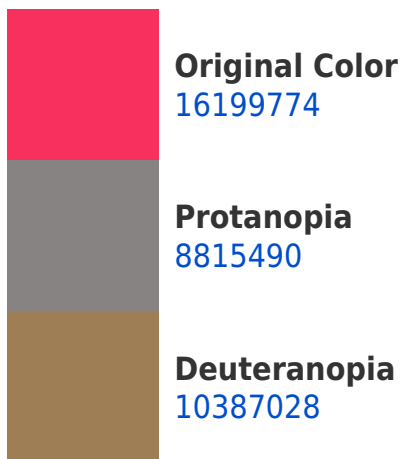


This preview shows how white text looks on a background with the Decimal color 16199774.

# 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](#).

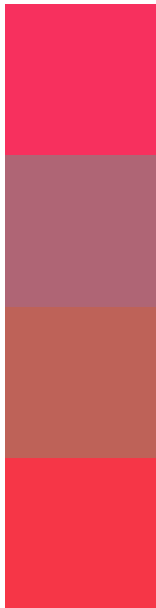
## Dichromacy





**Tritanopia**  
16136506

# Trichromacy



**Original Color**  
16199774

**Protanomaly**  
11494773

**Deuteranomaly**  
12477016

**Tritanomaly**  
16135751

# Monochromacy



**Original Color**  
16199774

**Achromatopsia**  
7434609

**Achromatomaly**  
10639722

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16199774 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 #F7305E looks like.

```
.text, #text, p{  
    color:#F7305E  
}
```

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 #F7305E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7305E
}
```

## Border

The CSS property to change the border of an element to Decimal 16199774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

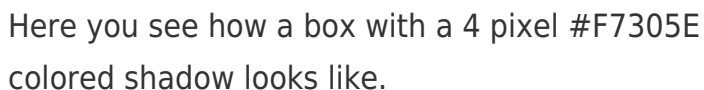
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F7305E }
```

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

```
.border{ border-color:#F7305E }
```

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



Here you see how a box with a 4 pixel #F7305E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7305E; -webkit-box-shadow:4px 4px  
4px 4px #F7305E; box-shadow:4px 4px 4px  
4px #F7305E }
```

# Background

The CSS property to change the background color of an element to Decimal 16199774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7305E }
```

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

```
.background{ background-color:#F7305E }
```

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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